Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

CHEMICALS ~ DYESTUFFS ~ DRUGS ~ PAINTS ~ OILS ~ FERTILIZERS

12 GOLD STREET | June 22, 1936 | NEW YORK, N. Y.

Y.1129 #25

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Cliffs Dow

ACTIVATED CARBON

GRADE R Activated Carbon is especially adapted to the removal of objectionable tastes and odors from water. Ideal in size and density, possesses low phenol value, ground to extreme fineness, high adsorptive capacity.

CLIFFS DOW CHEMICAL COMPANY
MARQUETTE, MICHIGAN

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910 Garfield Avenue,
Jersey City, N. J.

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HELIOPHAN

Heliophan is a clear, almost colorless oil, odorless, neutral and non-irritating to the skin. It has the property of absorbing to a great extent the rays in sunlight causing burning, blistering and reddening (from about 3000-3600A.)

Creams, oils and lotions containing from 8%-10% of Heliophan give adequate protection AGAINST SUNBURN and as Heliophan also has pronounced analgesic properties, the same creams and oils may be used advantageously FOR RELIEVING SUNBURN.

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An odorless and non-toxic mold preventive.

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A reliable anti-oxidant for vegetable and animal oils and fats, used in cosmetic creams and in sulphonated oils, spindle oils and lubricating oils.

CETYL ALCOHOL

C. P. 45-47° C. A pure, white, odorless, wax-like substance used in face, hand, and shaving creams, lipsticks and liquid hand creams. It is absorbed and retained by the epidermis, producing a velvety condition of the skin.

XEROL

An emulsifying wax. Melting point 50 to 52° C. Recommended for cosmetic and medicated creams.

R. W. GREEFF & CO., INC.
10 East 40th Street New York

WM. S. GRAY & CO.
342 MADISON AVENUE
NEW YORK CITY

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(Metropolitan New York Distributor) D. H. LITTER CO. 500 Fifth Avenue, New York City

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51 Madison Avenue, New York
CHICAGO LOS ANGELES

Oil, Paint and Drug Reporter
The Market Authority Since 1871
Chemicals-Dyestuffs-Drugs-Paints-Oils-Fertilizers

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Vol. 129 June 22, 1936 No. 25

Closing Market Developments

London Closing Cable

LONDON, June 19, 1936.

Quicksilver was quoted at £11 15s 9d to £12 5s 9d per flask compared with £11 12s 6d to £12 2s 6d previously prevailing.

Shellac Steadier in London

The London market closed steadier last Friday. The August position was quoted 54s per hundredweight and the October was 54s 6d. London was steady at 11½c. per pound for pure T. N., c. & f., New York.

Animal Organics Stronger

Importers of dried blood from South America have declined bids of $2.70 and $2.75 per unit for shipment from abroad, basis c.i.f. ports, and are asking $2.80 per unit. Chesapeake menhaden scrap booked on a when-and-if-made basis has now aggregated 8,500 tons since the beginning of the season to date and while all of this business had been taken at $2.50 and 10c. per unit-ton, at factory, it is doubtful if that figure could be worked today. The fishermen may try for $2.75 and 10c.

Linseed Oil Advanced

Linseed oil was firmer late in the week, prices being advanced 2 points further by some crushers on Friday to 9.3c. per pound in tankcars. The new basis became effective Saturday, June 20.

Tallow Higher

Tallow was stronger late in the week, sales being reported on Friday at 5½c. per pound for extra, delivered, showing a further rise of ¼c. and making an advance of ½c. within a week. Offerings were light on the rise. Tallow futures were more active at a further advance. Greases were ¼c. higher.

Cottonseed Oil Up

Cottonseed oil was stronger in Southern and local markets late in the week. Sales of crude oil were reported in the Southeast on Friday at 8¼c. per pound and in Texas at 8c. per pound. Refined oil futures here were active with the trend of prices upward, the September option selling up to 9.27c. Sentiment was more bullish owing to the prospective increase in taxes on competing foreign oils and fats.

Tin Salts Steadier

The market for the tin salts appeared steadier late Friday, due to the basic metal moving forward to 41½c. per pound. Soda stannate was priced at 28½c. to 31½c. per pound; tin crystals, 33½c. to 34c. per pound and tin anhydrous tetrachloride was 21c. per pound.

Peppermint Oil Firmer

Mail advices from the Middlewest late last week contained news that was bearish so far as the progress of the growing crop of peppermint and the outlook for oil production was concerned. The crop has been adversely affected by weather conditions prevailing of late, a situation that duplicated the damage reported earlier in the season. Prices have become firmer at all points.

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WHITE-LEAD

—Lasts!

The surest way to maintain the demand for your paints is to make them enduring.

The more white-lead you use the better the paint...not only in lasting qualities but ease of spread and in coverage.

Throughout the paint industry National Lead Company white-lead pigments are favorably known for their high quality and uniformity.

In addition to the white-lead pigments listed below, National Lead Company is also a dependable source of supply for lead oxides —red-lead, litharge and orange mineral.

NATIONAL LEAD COMPANY

111 Broadway, New York; 116 Oak Street, Buffalo; 900 West 18th Street, Chicago; 659 Freeman Avenue, Cincinnati; 1213 West Third Street, Cleveland; 722 Chestnut Street, St. Louis; 2240 24th Street, San Francisco; National-Boston Lead Company, 800 Albany Street, Boston; National Lead & Oil Co. of Pa., 316 Fourth Avenue, Pittsburgh; John T. Lewis & Bros. Company, Widener Building, Philadelphia.

DRY WHITE-LEAD
(Dutch or Carter process)

H. T. S.
(High Tinting Strength)
WHITE-LEAD

BASIC LEAD SULPHATE

Current Market Quotations

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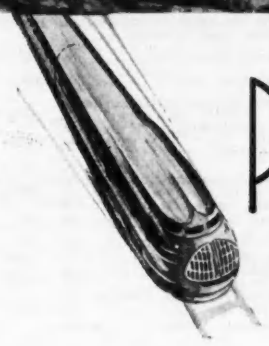
When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 2.

Acacia—Alumina Chloride

A

Acacia (see Gum, Arabic)
Acetal, dms., works....lb. .75 - 1.00
Acetaldehyde, dms., works....lb. .14 - .16
Acetamide, CP, bots., kegs, 1,000 lb. min., works..lb. .43 - —
tech., kegs, 1,000 lb. min., works lb. .38 - —
Acetanilide, tech., 95%, bbls....lb. .24 Nom.
USP, bbls....lb. .26 - —
Acetin, tech., dms....lb. .22 - .23
Acetoacetanilide, dms....lb. .65 - .70
Acetone CP dms, cl., delvd...lb. .09 - —
l.c.l., delvd....lb. .09½- —
tanks, delvd....lb. .08 - —
Methyl (see M)
Acetophenone, bots., cns....lb. 1.25 - 2.25
Acetphenetidin, kegs....lb. 1.30 - 1.40
Acid, abietic, bbls., c.l....lb. .06¾- —
l.c.l. ....lb. 07 - —
Acetic, comi. or redist., 28% bbls. 100 lbs. 2.45 - 2.70
cbys. 100 lbs. 2.95 - 3.20
56% bbls 100 lbs. 4.60 - 4.85
cbys. 100 lbs. 5.10 - 5.35
78% bbls 100 lbs. 5.73 - 5.98
cbys. 100 lbs. 6.23 - 6.48
80% bbls 100 lbs. 6.53 - 6.78
cbys. 100 lbs. 7.03 - 7.28
glacial, natl., CP., cbys. 100 lbs. 14.00 - —
comi., bbls 100 lbs. 8.48 - 8.68
cbys. 100 lbs. 8.98 - 9.18
USP., dms 100 lbs. 10.50 - —
cbys. 100 lbs. 11.00 - —
synth., 99.8% al. dms. 100 lbs. 8.43 - 8.63
cbys. 100 lbs. 8.93 - 9.13
USP., reagent, 99.8% al. dms. 100 lbs. 10.50 - —
cbys. 100 lbs. 11.00 - —
pure, 80%, bbls 100 lbs. 3.52 - 3.77
cbys. 100 lbs. 3.92 - 4.17
85%, bbls 100 lbs. 3.95 - 4.20
cbys. 100 lbs. 4.45 - 4.70
90%, bbls 100 lbs. 6.03 - 6.28
cbys. 100 lbs. 7.13 - 7.38
99%, bbls 100 lbs. 8.33 - 8.58
cbys. 100 lbs. 8.83 - 9.08
Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River). Zone 2 (Mississippi River to Rocky Mounts). $1.00 per 100 lbs. higher, Zone 3 (Pacific Coast), $1.75 per 100 lbs. higher.
Acetic, anhydride, dms., c.l..lb. .15 - —
l.c.l. ....lb. .16 - .19
Acetylsalicylic, USP., bbls., 225 lbs..lb. .58 - —
boxes, 100 lbs....lb. .59 - —
50 lbs....lb. .60 - —
25 lbs....lb. .61 - —
kegs, 100 lbs....lb. .58 - —
Anthranilic, refd., bbls....lb. .85 - .95
tech., bbls....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms, kegs....lb. .18 - —
Benzoic, tech., kegs....lb. .40 - —
USP., kegs....lb. .54 - .59
Battery, cbys....100 lbs. 1.60 - 2.50
Boric, tech., 99.5%, gran., bbls., contracts, 20 tons, delvd. ton.105.00 - —
c.l., delvd....ton.110.00 - —
l.c.l., ex whse....ton.115.00 -120.00
sks., contracts, 20 tons, delvd..ton.95.00 - —
c.l., delvd....ton.100.00 - —
l.c.l., ex whse....ton.105.00 -110.00
powd., bbls., contracts, 20 tons, delvd..ton.110.00 - —
c.l., delvd....ton.115.00 - —
l.c.l., ex whse....ton.120.00 -125.00
sks., contracts, 20 tons, delvd..ton.100.00 - —
c.l., delvd....ton.105.00 - —
l.c.l., ex whse....ton.110.00 -125.00
USP., $25 per ton higher.
Brommer's, bbls....lb. 1.16 - 1.21
Butyric, 65%, w.w., cbys., works, lb. .25 - .30
edible, cbys., works....lb. 1.20 - 1.30
synthetic, 90%, dms., c.l., f. Charleston, W. Va..lb. .22 - —
l.c.l., same basis....lb. .23 - —
tanks, same basis....lb. .21 - —
Camphoric, cans....lb. 5.50 - —
Caprcic, cans....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms....lb. .17 - .17½
Chicago, bbls....lb. 2.10 - —
Chinawood oil, dms....lb. .20 - .21
Chlorosulphonic, dms....lb. .03½- .06
Chromic, 99%, dms., delvd. N.Y. lb. .14¾- .16¼
Cinnamic, refd., bots....lb. 2.85 - 3.25
Citric, cryst., bbls....lb. .27 - —
kegs....lb. .27½- —
gran., bbls....lb. .27 - —
kegs....lb. .27½- —
powd., bbls....lb. .27½- —
anhyd., gran., dms....lb. .30 - —
powd., dms....lb. .30½- —
Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.
Clove's bbls....lb. .52 - .54
Coconut oil, white, dms....lb. .09½- .10¼
Cottonseed oil, dms....lb. .07½- .08
Cresylic, 99%, high-boil, straw color, dms., c.l., fob seaboard, f'rt. equald. E. producing points.gal .68 - .69
l.c.l., same basis....gal. .70 - —
c.l. West f'rt equald. M.W. prod. points..gal. .69 - .70
l.c.l., same basis....gal. .71 - —
low-boil, straw color, dms., over 500 gals., frt. equald, nearest competitive prod. point....gal. .76 - —
less 500 gals., same basis gal. .78 - —
Acid, cresylic, spec. resin grade, high-boil, dms., over 500 gals., same basis.. gal. .66 - .67
less 500 gals., same basis gal. .68 - —
low-boil, dms., over 500 gals., same basis..lb. .07¾- —
less 500 gals., same basis lb. .09 - —
imported, drums....gal. .68 - .81
Crotonic, dms., works....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls....lb. .77 - .79
Formic, dom., 90%, cbys., c.l.lb. .11 - .11½
l.c.l. ....lb. .12 - .13
imported, cbys....lb. .11 - .12
Fumaric, bbls....lb. .60 - —
Gallic, tech., bbls....lb. .65 - .68
USP. IX, bbls....lb. .77 - .80
Gamma, bbls....lb. .80 - .84
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls....lb. .50 - .55
Hempseed oil, dms. ....lb. .1150-.1225
Hydriodic, 47% bots....lb. 2.20 - 2.25
57%, bots....lb. 2.65 - 2.70
Hydrobromic, 10%, USP, cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.30
Hydrofluoric, 30%, bbls ....lb. .07 - .07½
lead, cbys....lb. .09 - .09½
48%, lead cbys....lb. .11¼- .12
52%, lead cbys....lb. .12½- .13
60%, lead cbys....lb. .15 - .15½
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls....lb. .36 - .37
Lactic, 22%, dark, bbls....lb. .04½- .05
light, refined, bbls....lb. .06½- .07
44%, dark, bbls....lb. .09½- .10
light, refined, bbls....lb. .11¼- .12
USP, X, 85%, cbys....lb. .45 - .50
USP, VIII, 75%, cbys....lb. .43 - .48
Linseed oil, dark or light, dms..lb. .1250-.1290
tanks....lb. .1190- —
extra white, dms....lb. .11 - .11½
split, dms....lb. .07¾- .08
refined, dms....lb. .08½- .09
Laurent's, bbls....lb. .46 - .47
Maleic, powd., dms....lb. .39 - .40
anhydride, dms....lb. .32 - .42
Malic, powd., kegs....lb. .45 - .60
Mixed, tanks, nitric unit....lb. .06¼- .07½
sulphuric unit....lb. .0065- .009
Monochloracetic, tech., bbls..lb. .16 - .18
99%, bbls....lb. .18 - .20
Monosulphonic, bbls....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....100 lbs. 1.00 - —
20°, cbys., c.l., works..100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
5 to 9, works..100 lbs. 2.05 - —
1 to 4, works..100 lbs. 3.00 - —
truckloads, delvd...100 lbs. 1.70 - —
tanks, works....100 lbs. 1.10 - —
22°, cbys., c.l., works..100 lbs. 1.95 - —
l.c.l., 25 and over, works. 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
5 to 9, works..100 lbs. 2.55 - —
1 to 4, works..100 lbs. 3.50 - —
truckloads, delvd...100 lbs. 2.20 - —
tanks, works....100 lbs. 1.60 - —
CP, cbys....lb. .06½- .07½
6-lb. bots....lb. .06½- .13½
Naphthenic, S.V. 120-200, dms. lb. .07 - .09
210-230, dms....lb. .10 - .12
240-260, dms....lb. .11 - .14
sludges, dms....lb. .06 - .10
Neville & Winther's, bbls....lb. .85 - .97
Nitric, 36°, cbys., c.l., works, 100 lbs. 5.00 - —
l.c.l., 25 and over, works, 100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
5 to 9, works..100 lbs. 5.60 - —
1 to 4, works..100 lbs. 6.50 - —
truckloads, delvd..100 lbs. 5.25 - —
38°, cbys., c.l., works, 100 lbs. 5.50 - —
l.c.l., 25 and over, works, 100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
5 to 9, works..100 lbs. 6.10 - —
1 to 4, works..100 lbs. 7.00 - —
truckloads, delvd...100 lbs. 5.75 - —
40°, cbys., c.l., works..100 lbs. 6.00 - —
l.c.l., 25 and over, works, 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
5 to 9, works..100 lbs. 6.60 - —
1 to 4, works..100 lbs. 7.50 - —
truckloads, delvd..100 lbs. 6.25 - —
42°, cbys., c.l., works..100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
5 to 9, works..100 lbs. 7.10 - —
1 to 4, works..100 lbs. 8.00 - —
truckloads, delvd..100 lbs. 6.75 - —
CP, cbys....lb. .11½- .12½
7-lb. bots....lb. .12¾- .23½
Prices of yellow nitric acid 25c. per 100 lbs. below these above.
Oleum (see sulphuric fuming).
Oxalic, dcm., bbls....lb. .11½- .12¾
Palm oil, dms....lb. .0780-.0825
Para-aminobenzoic, bbls., frt. all'd..lb. 1.25 - 1.30
Perl, bbls....lb. .62 - —
Perilla oil, dms....lb. .1110-.1150
Phenylacetic, bots....lb. 2.00 - 2.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys....lb. .09 - —
USP, 85%, s.g. 1.710, djns.lb. .14 - .15
50%, s.g. 1.347, cbys., djns., lb. .14 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Acid, picramic, kgs....lb. .65 - .70
Picric, bbls., c.l....lb. .30 - —
l.c.l. ....lb. .35 - .40
Propionic, tech., cbys., dms.lb. .16 - .20
Pyrogallic, cryst., cns....lb. 1.55 - 1.65
resubl, cns....lb. 1.90 - 2.00
Rapeseed oil, dms....lb. .12 - .13
Ricinoleic, dms....lb. .20 - .25
Salicylic, tech., bbls....lb. .40 - —
USP, bbls....lb. .40 - .45
Sardine oil, dms....lb. .09½- .09½
Sebacic, tech., bbls., works..lb. .55 - —
Soybean oil, dms....lb. .09¾- .10¼
Stearic, distil., double pressed, bgs., delvd..lb. .08½- .09½
single pressed, bgs., delvd.lb. .08 - .09
triple pressed, bgs., delvd.lb. .11¼- .12¼
saponif., double pressed, bgs., delvd..lb. .09 - .10
triple pressed, bgs, delvd.lb. .11½- .12½
Succinic, bbls....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works....lb. .18 - .19
Sulphonaphthenic, dms....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., works, 100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
5 to 9, works..100 lbs. 1.70 - —
1 to 4, works..100 lbs. 2.65 - —
tanks, works....ton.11.00 - —
66°, cbys., c.l., E works, 100 lbs. 1.35 - —
mid-W works....100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....ton.15.50 - —
96%, tanks, works....ton.16.50 - —
CP, cbys....lb. .06½- .07½
9-lb. bots....lb. .06½- .17½
fuming, 20%, tanks, works.ton.18.50 - —
Sunflower seed oil, dms....lb. .16 - .16¾
Tannic, tech., bbls....lb. .19 - .25
USP, fluffy, bbls....lb. .83 - .88
Tartaric, USP, dom., cryst., gran., powd., bbls....lb. .34 - —
kgs....lb. .34½- —
Tobias, bbls....lb. .70 - .73½
Trichloracetic, bots....lb. 2.45 - 2.50
Tungstic, CP, kgs....lb. 2.45 - 2.70
tech., kgs....lb. 1.50 - 1.60
Aconite leaves, bls....lb. .22 - .24
Root, bls....lb. .26 - .27
Aconitine, amorph., vls....oz.17.00 - —
cryst., vls....oz.30.00 - —
Adeps lanae, anhyd., dms....lb. .17½- .19
6yd., dms....lb. 16 - 18
Agar Agar, 1, bls....lb. .72 - .73
2, bls....lb. .68 - .69
3, bls....lb. .60 - .61
Agaric, white, bls....lb. 4.50 - 4.75
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago..lb. .13 - —
ton lots, Chicago....lb. .15 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .50 - .60
2, dms., Chicago....lb. .45 - .50
import, bgs....lb. .50 - —
Egg, ed., dom., bbls....lb. 1.05 - —
import, cs....lb. .79 - .81
Milk, grd., sks., c.l....ton. No stocks
ungrd., sks., c.l....ton. No stocks
Vegetable, ed., bbls., works..lb. .65 - .70
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., dlvd..lb 15 - —
l.c.l., dlvd....lb. .157 - —
tanks, dlvd....lb. .143 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., frt. alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
Benzyl, bots....lb. .65 - 1.20
Butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt. alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
secondary, dms, c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest....lb. .09 - —
tanks, f.o.b. dest....lb. .07½- —
tertiary, denating, dms, frt. alld..lb. .14 - —
Dapyri, pure, dms., works....lb. 2.50 - —
tech., dms., works....lb. .85 - —
Cetyl, dom., CP., fiber, ctns. 1,000 lbs..lb. 1.50 - —
500 lbs....lb. 1.70 - —
100 lbs....lb. 1.80 - —
25 lbs....lb. 1.90 - —
5 lbs....lb. 2.00 - —
com'l, dms....lb. .95 - —
import., 85%, dms., 100 lbs.lb. .85 - —
5 to 10 lbs....lb. .75 - —
com'l, dms., 350 lbs....lb. .40 - —
Cinnamic, bots....lb. 3.40 - 3.50
Denatured, CD5 revis.; 5A; 10, 188 pf., dealers, 54-gal. dm., dlvd. E..gal. .40 - —
5-gal. dm., dlvd. E..gal. .46 - —
1-gal. can. dlvd. E..gal. .51 - —
Prices for territories other than E. of Rockies 8c. per gal. higher. Authorized jobbers' discount 20%. Tankcar sales re-jobbers' discount 20%. Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., bbls., c.l., E. works..gal. .34 - —
l.c.l., 5 to 19, E. works, gal. .40 - —
1 to 4, E. works...gal. .42 - —
Alcohol, denat., SD1, 190 pf., dms., c.l., E. works...gal. .33 - —
f.o.b. W. points...gal. .39 - —
l.c.l., 20, E. works...gal. .35 - —
5 to 19, E. works..gal. .39 - —
1 to 4, E. works...gal. .41 - —
l.c.l., f.o.b. W. points, gal. .43 - —
tanks, E. works....gal. .36 - —
Anhydrous, 5c. per gal. higher. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.
Special solvent, dms., c.l., E. works..gal. .32 - —
f.o.b. W points....gal. .40 - —
l.c.l., 10 to 71, f.o.b. W. points..gal. .50 - —
20, E. works....gal. .34 - —
5 to 19, E. works....gal. .38 - —
5 to 9, f.o.b. W. points, gal. .52 - —
1 to 4, E. works....gal. .40 - —
f.o.b. W. points...gal. .54 - —
1 or more for paint mfrs. or jobbers, f.o.b. W. points..gal. .44 - —
tanks, E. works....gal. .27 - —
f.o.b. W. points....gal. .35 - —
Tankcar sales require written authorization by Alcohol Tax Unit. W. points are:—C.l. Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.
Diacetone, pure, contract, dms., c.l., frt. alld....lb. .13 - —
l.c.l., frt. alld....lb. .13½- —
tech., contract, dms., c.l., frt. alld....lb. .17 - —
l.c.l., frt. alld....lb. .17½- —
Ethyl, 190 pf., ex molasses, bbls., c.l....gal. 4.13 - —
l.c.l. ....gal. 4.15 - 4.20
dms., c.l....gal. 4.12 - —
l.c.l. ....gal. 4.14 - 4.24
tanks ....gal. 4.07 - —
absolute, dms....gal. 4.54 - 4.66½
Grain alcohol 40c. per gal. higher.
Hexyl, secondary, dms., c.l., f.o.b. dest....lb. .125 - —
l.c.l., f.o.b. dest....lb. .13 - —
tanks, f.o.b. dest....lb. .115 - —
Isoamyl, primary, dms., l.c.l., dlvd. ....lb. .27 - —
cans, works....lb. .23 - —
Isobutyl, refd., dms., c.l., works. frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms....lb. .10 - —
tanks, same terms....lb. .08½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Miss. crossing ....gal. .55 - —
l.c.l., same terms....gal. .60 - .99
99%, dms., c.l., same terms. gal. .70 - —
l.c.l., same terms....gal. .75 - —
denat. grd., dms., c.l., frt. alld..gal. .32 - —
l.c.l., ft. alld....gal. .42 - —
Methyl (see Methanol)
Phenylethyl, bots....lb. 3.00 - 4.50
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .99
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works....lb. .25 - —
Aletris root, bgs....lb. .30 - .31
Alizarin (see Red, alizarin)
Alkanet root, bgs....lb. .10 - .11
Aloe, Barbados, true, cs....lb. .85 - .90
Cape, cs....lb. .15 - .16
Curacao, cs....lb. .21 - .22
gourds, bbls....lb. .50 - .51
Socotrine, kgs....lb. .35 - .36
Aloin, bbls., cns....lb. 1.50 - 1.55
Alphanaphthol, bbls....lb. .60 - .68
Alphanaphthylamine, bbls....lb. .33 - .37
Althea root, cube cut, bls....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works.... 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works...100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —
Potash prices on same basis as those for ammonia alum.
Potash-chrome, bbls....lb. .07 - .07¼
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd....100 lbs. 4.25 - 5.00
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs, works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs. or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works lb. .06½- .07
solut., dms., works....lb. .09 - .09¼



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Alumina Hydr't.—Amyl Alcohol

Alumina hydrate, heavy, bbls., 20 and over, works..lb. .04 - —
less than 20, works.....lb. .04½- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .19½- —
span order.....lb. .17½- .18½
Palmitate, precip., bbls., ton.lb. .21 - —
smaller lots.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
l.c.l., ton.....lb. .19 - —
less than ton.....lb. .20 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.60
truckload, dlvd. met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 2.80 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - 2.80
truckloads, dlvd., met.N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd. met. N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.50 - —

Aluminum, 98-99%, dms., c.l..lb. .19 - .19½
l.c.l. .....lb. .20 - .21
Powder, dry, lining, ext. fine, dms., 30,000 lbs., f.o.b. ship. pt. (see note below) .....lb. .90 - —
3,000-30,000 lbs., same basis..lb. .93 - —
1,000-3,000 lbs., same basis..lb. .96 - —
less than 1,000 lbs., same basis..lb. 1.00 - —
standard, dms., 30,000 lbs., same basis..lb. .50 - —
3,000-30,000 lbs., same basis..lb. .53 - —
1,000-3,000 lbs., same basis..lb. .56 - —
less than 1,000 lbs., same basis..lb. .60 - —
litho. ext. brilnt., dms., 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —

Aluminum, powder, dry, litho., wallpaper, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
3,000-30,000 lbs., same basis..lb. .41 - —
1,000-3,000 lbs., same basis..lb. .44 - —
less than 1,000 lbs., same basis..lb. .49 - —
unpolished, standard, dms., 30,000 lbs., same basis .....lb. .35 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .40 - —
less than 1,000 lbs., same basis..lb. .45 - —
varnish, ext. brilnt., dms., 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —

Aluminum, powder, dry, varnish, standard, dms., 30,000 lbs. same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine lining, dms., 30,000 lbs., same basis lb. .65 - —
3,000-30,000 lbs., same basis..lb. .67 - —
1,000-3,000 lbs., same basis..lb. .70 - —
less than 1,000 lbs., same basis..lb. .75 - —
extra, dms., 30,000 lbs., same basis.....lb. .70 - —
3,000-30,000 lbs., same basis..lb. .72 - —
1,000-3,000 lbs., same basis..lb. .75 - —
less than 1,000 lbs., same basis..lb. .80 - —
ink, dms., 30,000 lbs., same basis..lb. .60 - —
3,000-30,000 lbs, same basis..lb. .62 - —
1,000-3,000 lbs, same basis..lb. .65 - —
less than 1,000 lbs., same basis..lb. .90 - —
ink, dms., 30,000 lbs., same basis .....lb. .75 - —
3,000-30,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .42 - —
3,000-30,000 lbs., same basis..lb. .45 - —
1,000-3,000 lbs., same basis..lb. .48 - —
less than 1,000 lbs., same basis..lb. .53 - —

Aluminum powder and paste, c.l. prices 2c. per lb. below 30,000-lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. not subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston, Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins.....oz.22.00 -35.00
Amidopyrene, cns.....lb. 4.00 - 4.10
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.).works....lb. .04½- —
refrigeration, tanks, works..lb. .05½- —
pure, cyls., dlvd., met. N.Y. lb. .16 - .22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Acetate, kgs.....lb. .26 - .33
Aldehyde, dms.....lb. .65 - .70
Aqua, 26°, cbys.....lb. .05½- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .02¾- —
tanks (on NH_3 content)..lb. .05 - .05¼
tankwagons .....lb. .024 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd N.Y.....100 lbs. 5.71 - —
Bifluoride, bbls.....lb. .15 - .17
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - .36
Carbonate, tech., dom., bbls.lb. .06 - .12½
imported, casks.....lb. .08 - .12½
USP, lump, bbls.....lb. .08 - .09
casks .....lb. .07 - —
powd., bbls.....lb. .09 - .10
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .12½- .13
Citrate, kgs.....lb. .80 - .86
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, bbls.....lb. 1.10 - 1.15
Iodide, jars.....lb. 3.40 - 3.45
Laurate, bbls.....lb. .10 - —
Linoleate, 80%, anhyd., bbls.lb. .11 - —
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., casks.....lb. .04 Nom.
Oleate, bbls.....lb. .10 - —
Oxalate, neutral, cryst., powd., bbls..lb. .26 - .27
pure, cryst., bbls., kgs....lb. .27 - .28
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22½
Phosphate, dibasic, NF, bbls.lb. .34 - .36
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .42
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP., kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., Jun., dlvd. Ill., Ind.,Mich.,Ohio.ton.24.00 - —
f.o.b. cars, Atlantic, Gulf, ports..ton.26.00 - —
Birmingham, Ala., ovens..ton.26.00 - —
Northern ovens....ton.24.00 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y.ton.25.00 - —
dbl bgs., export, f.a.s. N.Y. ton. No prices
import., bulk, c.i.f. Atlantic ports..ton.26.00 Nom.
bgs., c.i.f. Atlantic ports.ton.27.00 Nom.
Sulphide, liquid, dms.....lb. .15 - —
tanks .....lb. .12 - —
Sulphocyanide, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls., c.l. 100 lbs. 5.00 - 5.20
l.c.l. .....100 lbs. 5.50 - 5.70
import., gran., casks.....lb. .05½- .06
lump, bbls.....lb. .10¼- .12
white, gran., dom., bbls., contracts, works..100 lbs. 4.45 - 5.05
import., casks... ...100 lbs. 4.45 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .12 - .13
l.c.l., frt. alld.....lb. .12½- .13½
tanks, works.....lb. .11 - .13
ex pentane, dms., c.l., delvd. lb. .142 - —
l.c.l., delvd.....lb. .149 - —
tanks, delvd.....lb. .135 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., f.o.b. dest.....lb. .10 - —
tanks, f.o.b. dest .....lb. .08½- —
Alcohol (see Alcohol, amyl).

INDUSTRIAL CHEMICALS·C.S.C·

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BALTIMORE Plaza 3932
BOSTON Charlestown 1140
BUFFALO Jefferson 5006
CHICAGO Delaware 4940
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CLEVELAND Cherry 2694
DETROIT Fitzroy 2414
GRAND RAPIDS 9-4713
KANSAS CITY Harrison 6203
LOS ANGELES Adams 4179
LOUISVILLE Highland 3866
NEW YORK Vanderbilt 3-9300
PHILADELPHIA *Bell*—Lombard 5982 *Keystone*—Race 7633
PITTSBURGH Atlantic 6068
PORTLAND, ORE. Trinity 1167
ST. LOUIS Chestnut 9656
ST. PAUL Nestor 1351
SAN FRANCISCO Kearny 1611
SEATTLE Main 3833
TERRE HAUTE Crawford 1367

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Amyl, butyrate, bots.....lb. .90 - 1.00
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works, lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Salicylate, cns.....lb. .65 - 1.25
Amylene, dms., c.l.....lb. .102 - —
l.c.l.....lb. .11 - —
tanks.....lb. .09 - —
Anethol, bots.....lb. 1.05 - 1.10
Angelica root, dom., bls.....lb. .23 - .25
Import, natural, bls.....lb. .50 - .55
twisted, bls.....lb. .55 - .60
Angostura bark, bls.....lb. .35 - .40
Anilin oil, dms.....lb. .16½- .17½
tanks.....lb. .15 - —
Anise, Russian, bgs.....lb. .09 Nom.
Spanish, bgs.....lb. .09¾- .10
Star, bgs.....lb. .13½- .14
Anisic aldehyde, bots.....lb. 2.15 - 3.00
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07 - .08
Anthraquinone, 99.5%, subl., bbls lb. .50 - .52
Antimony, butter (see Antimony chlorids).
Chloride, solut., dom., cbys.lb. .13 - .17
import., cbys.....lb. .14½- —
Metal, dom.....lb. .11½- —
import., c.i.f.....lb. .09½- —
Needle, powd., bbls.....lb. .11½- .12
Oxide, dom., bbls., c.l.....lb. .13½- —
l.c.l.....lb. .13½- —
imports, bbls.....lb. .13¾- —
Salts, 60 p.c., kgs.....lb. .22 - .25
Sulphuret, golden, bbls.....lb. .22 - .23
White pigment, bgs., Texas works, frt. alld. to ½c. l., c.l..lb. .10½- .12¼
Antipyrene, cns., ton lots.....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, cns.....oz. 23.70 - 23.90
Archil extract, conc., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arsceline hydrobromide, bots., vls..oz. 5.50 - 5.75
Argols, crude, 30%, casks.....lb. .07 - .08
80-85%, casks.....lb. .14 - .15
Arnica flowers, bls.....lb. .23 - .24
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs—lb. .08½- .09
bbls.....lb. .08¾- .09¼
Arsenic iodide (arsenous), bots., jars..lb. 5.15 - 5.20
Metal, lump, cs.....lb. .42 - .45
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs, c.l.....lb. .03½- —
l.c.l.....lb. .04½- —
Japanese, cs.....lb. .03¾- .04¼
Arsenous chloride, liq., bots..lb. 1.85 - —
Asafetida, cs.....lb. .19 - .20
powd., bbls., bxs.....lb. .30 - .31
Asbestine (see Talc, N.Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b.N.Y.....lb. .02½- —
smaller lots, f.o.b.N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y.lb. .03½- —
smaller lots, f.o.b.N.Y..lb. .10¼- —
California, dms., c.l., f.o.b.N.Y. ton.29 00 - —
l.c.l., f.o.b.N.Y.....ton.36.50 - —
Cuban, A., bgs., c.l., f.o.b.N.Y. ton.60.00 - —
l.c.l., f.o.b.N.Y.....ton.90.00 - —
B, bgs., c.l., f.o.b.N.Y....ton.35.00 - —
l.c.l., f.o.b.N.Y.....ton.55.00 - —
Egyptian, bgs, c.l., f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b.N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs, c.l., Colo. points.....ton.32.90 - —
seconds, bgs., c.l., Colo. points.....ton.25.50 - —
selects, bgs., c.l., Colo., Utah points..ton.30.50 - —
l.c.l., f.o.b. or N.J. or N.Y. whse..ton.49.50 - —
Maltha, dms., c.l., f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b.N.Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., refinery..gal. .13 - —
dms., c.l., refinery.....gal. .12 - —
tanks, Calif., refinery..gal. .06 10 - —
East Coast, Ill., Ind. refinery..gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo. refinery.....gal. .07¼- —
Atropine alkaloid, vls.....oz. 5.25 - 5.50
Sulphate, vls.....oz. 2.25 - 2.35

B

Balm of Gilead buds, bgs....lb. .21 - .23
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .16 - .17
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90% grd., bgs., c.l., works. ton.42.00 - —
99% 200 mesh, bgs., c.l., works..ton.45.00 - —
precip., bgs.....ton.56.50 -61.50
Chlorate, kgs.....lb. .15½- .17½
Chloride, CP., cryst., bbls...lb. .18 - .20
tech., dom., cryst., bbls.,bgs., c.l., works..ton.72.00 -74.00
l.c.l., delvd., N.Y...ton.82.00 -87.00
Barium dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls.....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .06½- .07½
Iodide, bots.....lb. 4.40 - 4.45
Monoxide (see Oxide).
Nitrate, cake.....lb. .06¼- —
Oxide, dms.....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .13 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.28.65 - —
l.c.l., ex wrhse., Boston. ton.36.00 - —
Chicago.....ton.30.35 - —
Cleveland.....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.95 - —

Barytes dom., floated, paper bags, l.c.l., ex car, Baltimore. ton.30.70 - —
Boston.....ton.31.70 - —
Philadelphia.....ton.30.50 - —
ex whse., Baltimore.ton.32.10 - —
Boston.....ton.35.20 - —
Chicago.....ton.30.35 - —
Cleveland.....ton.33.00 - —
Detroit.....ton.33.00 - —
Kansas City.....ton.30.93 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia.....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto.....ton.39.30 - —
Southern off color, bulk, mines..ton.12.00 - —
96.75%, bulk, mines....ton.16.00 - —
German, grd., bbls., c.l., ex dock, t.a..ton.29.50 - —
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .70 - .75
Bayberry bark, bgs.....lb. .07½- .08
Belladonna leaves, bls.....lb. .14 - .15
Root, bls.....lb. .11 - .12
Bentonite, 1, 96% 300 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92% 200 mesh, bgs., Wyo. works..ton.11.00 - —
Benzaldehyde, tech., dms.....lb. .60 - .63
USP, IX, dms.....lb. 1.10 - 1.20
USP, X, dms.....lb. 1.50 - 1.80
Benzene (see Benzol)
Bensidin base, bbls.....lb. .72 - .74
Benzol, 90%, dms., works....gal. .23 - —
tanks, frt. alld. E. of Omaha, gal. .18 - —
nitration, dms, works.....gal. .24 - —
tanks, frt. alld. E. of Omaha, gal. .19 - —
pure, dms, works.....gal. .23 - —
tanks, frt. alld. E. of Omaha, gal. .18 - —
Benzol tank prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .45
Peroxide, cns, works.....lb. 1.85 - —
Benzyl acetate, f.f.c., bots...lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., tins..lb. .90 - 1.20
Chloride, 95-97%, refd., dms..lb. .30 - .40
tech., dms.....lb. .25 - .30
Formate, cns.....lb. 2.75 - 3.50
Benzylidin acetone, bots.....lb. 2.35 - 3.60
Berberine bisulphate, bots.....lb.13.00 - —
Hydrochloride, bots.....lb.13.00 - —
Sulphate, bots.....lb.13.00 - —
Berberis root, bls.....lb. .09 - .10
Betanaphthol, sublm., bbls....lb. .55 - —
tech., bbls.....lb. .24 - .27
Benzoate, bxs., kgs.....lb. 2.35 - 2.50
Betanaphthylamine, tech., kgs.lb. .53 - .55
Beth root, bls.....lb. .10 - .11
Bismuth, chloride, bxs.....lb. 3.20 - 3.25
Citrate, USP, VIII, bxs.....lb. 2.65 - 2.70
Hydroxide, bxs.....lb. 3.15 - 3.20
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., jars.....lb. 1.20 - 1.25
Oxychloride, bxs.....lb. 2.95 - 3.00
Subbenzoate, bxs.....lb. 3.25 - 3.30
Subcarbonate, fib. dms.....lb. 1.40 - 1.45
X-ray, bots., fib. dms.....lb. 2.60 - 2.65
Subgallate, bbls.....lb. 1.50 - 1.55
Subiodide, bots.....lb. 3.88 - 3.93
Subnitrate, powd., bots., fib. dms..lb. 1.30 - 1.35
Subsalicylate, 62-66%, bbls...lb. 2.35 - 2.40
Sulphocarbolate, bots.....lb. 3.60 - 3.65
Trioxide, powd., bxs.....lb. 3.45 - 3.50
Bismuth-ammonia citrate, USP, powd., cns..lb. 3.30 - 3.35
Bismuth-betanaphthol, bxs.....lb. 3.05 - 3.10
Black, bone, 1A, bbls., bgs., c.l., frt. alld. E...lb. .15 - —
l.c.l., frt. alld. E....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E...lb. .11½- —
l.c.l., frt. alld. E....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E...lb. .09½- —
l.c.l., frt. alld. E....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E...lb. .08½- —
l.c.l., frt. alld. E....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E...lb. .07½- —
l.c.l., frt. alld. E....lb. .08 - —
5, bbls., bgs., c.l., frt. alld. E...lb. .06½- —
l.c.l., frt. alld. E....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E...lb. .05½- —
l.c.l., frt. alld. E....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E...lb. .05 - —
l.c.l., frt. alld. E....lb. .05½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns, l.c.l., dlvd.....lb. .06¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .06½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs, c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
l.c.l., dlvd.....lb. .30 - —
cs., l.c.l., dlvd.....lb. .32 - —
5, bgs., c.l., works.....lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .65 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs, c.l., del'd rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445 - —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports..lb. .0475 - —
50,000 lbs., dlvd. Zone C (Pac. Cst. States)..lb. .0490 - —
10,000 lbs., dlvd. Zone C (Pac. Cst. States)..lb. .0505 - —
c.l., dlvd. rail zone:—
D (Ill., Ia., Wis.)....lb. .0490 - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535 - —
G (Mexico).....lb. .0520 - —
dlvd. all zones....lb. .07¾- —
cs., dlvd. all zones.....lb. .08¼- —
export, full compressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .09¼
2, bbls., l.c.l., works.....lb. .07 - —
pure, bbls., works.....lb. .06¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —

Black, lamp, dom, 2A, ctns, c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works .....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N.Y....lb. .14 - —
l.c., f.o.b. N. Y. ...lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y. ...lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04½- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .20 - .21
Tree bark, bls.....lb. .11 - .13
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l...ton.60.00 -65.00
l.c.l.....ton.65.00 -70.00
high grade precip., bgs, c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 65%%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.60
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N. Y. unit-ton. 2.50 - —
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton. 2.65 - —
import, bgs., c.i.f. ports, July shipt..unit-ton. 2.75 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .12 - .13
Blue, alkali, toner, bbls., dlvd. N of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Celestial, bbls.....lb. .10 - .15
Chinese, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Milori, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .47 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Soluble, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Ultramarine, dry, jobbing, bbls., works, frt. equald..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls, same basis.....lb. .17 - —
3, bbls., same basis.....lb. .18 - —
4, bbls., same basis.....lb. .19 - —
5, bbls., same basis.....lb. .22 - —
6, cobalt, A., same basis.lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis, lb. .18 - —
2, bbls., same basis.....lb. .19 - —
3, bbls., same basis.....lb. .21 - —
4, bbls., same basis.....lb. .22 - —
5, bbls., same basis.....lb .24 - —
6, bbls., same basis.....lb. .26 - —
pulp, 1, bbls., same basis...lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls, same basis.....lb. .19 - —
Ultramarine blue dlvd ex whse. 1c to 1½c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs. 1c. above bbls.; 25-lb. boxes, 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blue mass, USP., cns., kgs....lb. .80 - .81
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Copper Hill, Tenn. 100 lbs. 4.00 - —
16-25, same basis.100 lbs. 4.15 - —
6-15, same basis...100 lbs. 4.25 - —
3-5, same basis...100 lbs. 4.50 - —
1-2, same basis...100-lbs. 4.70 - —
monohydrated, dms., c.l., dealers, E. of Rockies...lb. .06 - .061
jobbers, E. of Rockies..lb. .08 - .081
l.c.l., dealers, E. of Rockies..lb. .09 - .093
jobbers, E. of Rockies..lb. .095 - .096
Blueflag root, bls.....lb. .12 - .14
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago-ton.22.00 -25.00
c.i.f. Atlantic ports..ton.27.00 -28.00
S.A., bgs., c.i.f., ports..ton.26.00 - —
steamed, dom., 1½% ammon., 60% phos., bgs., f.o.b. Chicago..ton.16.00 -17.00
import., 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.23.00 - —
Meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.18.00 -19.00
import, 100-lb. bgs., c.i.f. ports..ton.22.50 - —
Phosphate, precip. (see Calcium phosphate, dibasic, precip.).
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tns min., dlvd..ton.58.00 - —
c.l. dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls contracts, 80 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00

Borax, tech. 99½%, powd., bbls., contracts, 80 tons min., dlvd. ton.55.00 - —
c.l., dlvd.....ton.58.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, cs., dms., tins, c.l., dealers, East..lb. .03½- .14¾
West.....lb. .09 - .11
jobbers, East.....lb. .08 - .14½
West.....lb. .08 - .10
l.c.l., dealers, East, 1,000 lbs. and over..lb. .08¾- .15¼
101 to 999 lbs.....lb. .09¾- .16¼
100 lbs. or less.....lb. .10¾- .18¼
West.....lb. .09½- .11¼
jobbers, East.....lb. .08¾- .14¾
West.....lb. .08½- .10¼
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., c.l., works.lb. .26 - —
1,000 lbs., works.....lb. .25 - —
smaller lots, works.....lb. .43 - —
Bromoform, USP., jars.....lb. 1.75 - 1.90
Bronze powder, aluminum (See A).
Gold, litho, cns., dms., over 10 lbs..lb. .40 - .60
moulding, cns., dms., over 10 lbs..lb. .55 - .80
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .80
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., casks., f.o.b. N.Y. or works.lb. .12½- —
Metallic, bbls., works.....lb. .02 - —
paper bgs., c.l., works.....lb. .0125- —
Sienna, burnt, American, bbls., works..lb. .06 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .08½- —
5, bbls., same basis.....lb. .06½- —
6, bbls., same basis.....lb. .06 - —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07½- —
9, bbls., same basis.....lb. .07 - —
10, bbls., same basis.....lb. .06½- —
11, bbls., same basis.....lb. .04¾- —
raw, American, bbls., works.lb. .03¾- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12½- —
2, bbls., same basis.....lb. .10¾- —
3, bbls., same basis.....lb. .10¼- —
4, bbls., same basis.....lb. .09¼- —
5, bbls., same basis.....lb. .08¾- —
6, bbls., same basis.....lb. .08½- —
7, bbls., same basis.....lb. .07 - —
8, bbls., same basis.....lb. .06½- —
9, bbls., same basis.....lb. .06¼- —
10, bbls., same basis.....lb. .05¾- —
11, bbls., same basis.....lb. .04¾- —
Umber, American, bbls., works. lb. .03¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04¾- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04¾- —
Minneapolis .....lb. .043¾- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .06¾- —
Walnut crystals, bbls.....lb. .06 - —
Brucine, cns.....oz. .12 - .13
Sulphate, cns.....oz. .08 - .09
Bryonia root, bls.....lb. .09 - .10
Buchu leaves, bls.....lb. .55 - .60
Buckthorn bark, true, bls....lb. .04½- .19
Berries, bgs.....lb. .09½- .10
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .03½- —
l.c.l., dlvd. E.....lb. .05 - —
import., stands.....lb. .11 - .13
Butanes, comi., 16-32# tanks, group 3..gal. .03½- .03¾
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt. alld.lb. .10 - —
tanks, contract, frt. alld.lb. .06½- —
secondary, dms., c.l., f.o.b. dest..lb. .03½- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
Alcohol (see Alcohol)
Aldehyde, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol)
Lactate, dms.....lb. .23½- .23¾
Propionate, dms., dlvd.....lb. .19 - .19½
tanks, dlvd.....lb. .17 - —
Butyric ether, dms.....lb. .80 - .85

C

Cadmium bromide, bots., jars.lb. 1.84 - 1.90
Iodide, bots., jars.....lb. 3.75 - 3.80
Lithopone (see Yellow)
Metal, cs.....lb. 1.06 - —
Red (see Red)
Sulphide (see Yellow)
Caffeine, cns., cs., less than 1,000 lbs., contract..lb. 2.20 - 2.30
dms., 1,000 lbs. or over, contract..lb. 2.15 - —
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots., jars...lb. 4.52 - 4.57
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs.....lb. .40 - .45
Calcium acetate, bgs., dlvd..... 100 lbs. 2.10 - —
Arsenate, dms., c.l., consumers, S...lb. .06½- —
dealers, E. of Rockies..lb. .06¼- —
South.....lb. .06¼- —
jobbers, E. of Rockies..lb. .06 - —
South.....lb. .06 - —
l.c.l., consumers, S.....lb. .07¼- —
dealers, E. of Rockies, 1,000 lbs. or over..lb. .06¾- —
101 to 999 lbs.....lb. .07¼- —
100 lbs. or less.....lb. .08¾- —
South.....lb. .06¼- —
jobbers, E. of Rockies..lb. .06¾- —
South.....lb. .06¾- —
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance to plant or whse. pick-up.

Calcium Bromide—Dyes, orange

Calcium bromide, jars.....lb. .60 - .62
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-80%, bgs dms., c.l., divd.. ton.22.00 -35.00
l.c.l., 1 ton or over, divd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid dom., 73-75%, bgs., dms., c.l., divd..ton.20.00 -33.00
l.c.l., 1 ton or over, divd..100 lbs. 1.60 - 2.25
Gluconate, pharm., gran., powd., bbls. (125 lbs.)..lb. .50 - —
25 lbs.....lb. .57 - —
Glycerophosphate, bbls., kgs., 100 lbs..lb. 1.15 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.75
Lactate, USP, bbls.....lb. .25 - .26
Nitrate, bgs., to fart. mfrs., ex vessel..ton.24.25 -25.00
Palmitate, bbls.....lb. .21 - .22
Phosphate, dibasic, precip., 77-79% P_2O_5, c.l.f. Atlantic ports..unit-ton. .66 - —
Resinate, precip., bbls., 1 ton.lb. .18 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., otns., c.l..lb. .18 - —
1 ton.....lb. .19 - —
smaller lots.....lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c. l., works..ton.52.00 - —
l.c.l.....ton.56.00 - —
luminous, dom., tins, works, lb. .60 - —
Sulphocarbolate, cs.....lb. .47 - .48
Calendula flowers, bls.....lb. .65 - .70
Calomel, bxs., kgs.....lb. 1.06 - —
Camphor, natural, powd., cs...lb. .55 - .56
slabs, cs.....lb. .55 - .56
tablets, tins.....lb. .59 - .60
synthetic, dom., gran., powd., bbls.,2,000 lbs.....lb. .50¼- —
500 lbs.....lb. .52¼- —
100 lbs.....lb. .53¼- —
tablets, cs, 2,000 lbs.....lb. .55 - —
500 lbs.....lb. .57 - —
100 lbs.....lb. .58 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs...lb. .06¼- .06⅝
Morocco, bgs.....lb. .07 - .07½
Turkish, bgs.....lb. .07½- Nom.
Canella alba bark, bls.....lb. .37 - .38
Cannabis herb, bls.....lb. .16 - .17
Cantharides, Chinese, cs.....lb. .60 - .65
powd., bxs.....lb. .85 - .90
Russian, cs.....lb. 1.50 - 1.55
powd., bxs.....lb. 1.80 - 1.85
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .08¼- .08⅝
Carbasole, 70-80%, dms.....lb. .90 - —
50%, dms.....lb. .80 - —
98-99%, dms.....lb. .92 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .53 - —
l.c.l., works.....lb. .54 - —
tanks, works.....lb. .52 - —
Methylpropyl dms., works..lb. .60 - —
smaller lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, dms.....lb. .05¼- .06⅛
tanks.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .09
Tetrachloride, 55-gal. or 110-gal. dms., c.l. (20 tons), frt. alld. E. of Miss. river, N. of Ohio river, including Ky., Va., W. Va..lb. .06¼- —
l.c.l., same basis.....lb. .06⅝- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08¼- —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08¼- —
tanks, same basis.....lb .05 - —
Fire extinguisher liquid, 2½c. lb. higher.
Cardamom, bleached, cs.....lb. 1.05 - 1.25
decorticated, cs.....lb. .96 - 1.00
green, bgs.....lb. .72 - .75
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12 - .13
Case-hardening mixture, 45%, gran., dms., l.c.l.....lb. .11⅝- —
lump, dms., l.c.l.....lb. .10⅝- —
80%, lump, dms., l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., divd.....lb. .15 - .15¼
5 tons, works.....lb. .16 - —
smaller lots, works.....lb. .16½- —
80-100 mesh, bgs., c.l., divd.. lb. .15¼- .15¾
5 tons, works.....lb. .16½- —
smaller lots, works.....lb. .17 - —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .15¾- .15½
80-100 mesh, bgs., c.l., duty pd..lb. .15½- .15¾
French, 30 mesh, bgs., c.l., duty pd..lb. No prices.
Cassia, Batavia, 1, bgs.....lb. .14 - .14¼
3, bls.....lb. .09 - .09¼
short stick, bls.....lb. .12 - .12¼
China, rolls, select, cs.....lb. .06¾- .06¼
broken, extra, bls.....lb. .06¼- .06⅜
Saigon, cs.....lb. .17¾- .18¼
Cassia buds, cs.....lb. .16¼- .16⅜
Cassia fistula, bskts.....lb. .09¼- .09
Castile soap, white, bars, cs... 40 lbs.20.00 - —
powd., bbls.....lb. .22 - .23
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor)
Pomace, dom. 5½% ammon bgs., c.l., works.....ton.15.00 -15.50
import, bxs., c.i.f. ports, shipment..ton. No prices.
Catnep leaves, bls.....lb. .18 - .19
Celery seed, French, bgs.....lb. .18½- .18¾
Indian, bgs.....lb. .12¾- .13¼
Celluloid scrap, amber, cs....lb. .12 - .13
black, cs., works.....lb. .08 - .09
China white, ivory, cs., works, dense white, cs., works...lb. .12 - .13
grey, cs., works.....lb. .09 - .10
mixed, mottles, opaques, cs., works..lb. .05 - —
shell-demi, cs., works.....lb. .09 - .10
translucent pastels, cs., works, lb. .11 - .11
transparent, cs., works....lb. .12 - .13
colors, cs, works.....lb. .08 - .09
Shavings, amber, cs., works.lb. .13 - —
colored, mixed, cs., works..lb. .09 - —
white, cs., works.....lb. .13 - —
Cellulose acetate, flake, cs., 2,000 lbs., works..lb. .55 - —
1,000 lbs., works.....lb. .56 - —
500 lbs., works.....lb. .57½- —
100 lbs., works.....lb. .60 - —
scrap, transparent, bgs, works lb. No stocks
Cement, white, bbls. (4 bags), 5 tons, divd. N.Y..bbl. 6.10 - —
truck divy.....bbl. 7.40 - —
less than 5 tons, truck divy. bbl. 9.06 - —
Cerium hydrate, dms., works..lb. .65 - —
Oxalate, USP, bbls., works..lb. .28 - —
kgs., works.....lb. .30 - —
Chalk, precip., ext. light, csks., c.l..lb. .03 - .04
heavy, csks., c.l.....lb. .03 - .04
light, csks., c.l.....lb. .03 - .04
Chamomile flowers, Hungarian, genuine, cs..lb. .22 - .23
Roman, bls.....lb. .28 - .30
Charcoal, softwood, powd., 80-100 mesh, bgs., c.l., divd. Ala., Del., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.25.40 - —
Ariz., Utah.....ton.30.00 - —
Ark., Ill., Ind., Iowa, Kan., La., Minn., Mo., Neb., Okla., Wis. ton.23.00 - —
Colo. .....ton.23.00 - —
Conn., Me., Mass., N. H., R. I., Vt.....ton.25.80 - —
Mich., Ohio, Penn..ton.24.80 - —
N. D., S. D.....ton.26.00 - —
Texas.....ton.24.00 - —
El Paso.....ton.23.00 - —
l.c.l., works.....ton.13.00 - —
Willow, powd.,bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .01625- —
tanks.....lb. .02 - —
powd., bgs., works.....lb. .04⅛- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float., 99.75% 500 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.00 -15.00
bulk, c.l., works..ton. 6.00 - —
99.75% 200 mesh, bgs., c.l., works..ton. 7.50 - —
l.c.l., works.....ton. 8.50 -14.50
wet-grd., silk-bolt., 99.9% 325 mesh, bulk, c.l., works..ton. 9.00 - —
paper bgs., c.l., works. ton.10.50 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton.22.00 -25.00
powd., csks., l.c.l., ex dock ton.25.00 - —
ex whse.....ton.27.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .82 - .83
500 lbs.....lb. .86 - .87
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .96 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., divd., N.Y..lb. .06½- —
contracts, divd., N.Y...lb. .05½- —
l.c.l., divd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald .100 lbs. 2.15 - —
multiple unit, 4 or over, wks., frt. equald 100 lbs. 2.30 - —
1-3, works, frt. equald... 100 lbs. 2.55 - —
Chloroacetophenone, tins, works..lb. 2.00 - —
Chloroform, tech., 650-lb. drums. lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. tins.....lb. .24 - —
USP, 650-lb. dms.....lb. .22 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
Chloropicrin, comi., cyls., works lb. .80 - .90
Chrome acetate, bbls.....lb. .05 - .08
Cake, bulk., c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, bxs., cns., fib. dms..lb. .40 - .45
powd., bxs., cnt., fib. dms.lb. .45 - .50
scales, bxs., cns., fib. dms.lb. .45 - .50
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, Dutch, chips, bgs. lb. .17 - .18
high test, bgs.....lb. .35 - .36
quills, broken, bgs.....lb. .17 - .18
long, cs.....lb. .58 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .16 - .17
Cinchonidine, cryst., powd., cns.os. .80 - .87
Sulphate, cns.....os. .47 - —
Cinchonine cryst., powd., cns.os. .50 - .58
Sulphate, cns.....os. .34 - —
Cincophen, USP., bbls.....lb. 2.64 - —
bxs., dms., kgs.....lb. 2.75 - 2.90
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f c., bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2, bls.....lb. .15 - .15¼
3, bls.....lb. .14½- .15
Citral, cns.....lb. 1.75 - 2.15
Citrine ointment, jars, tubes.lb. .07 - —
Citronellal, bots.....lb. 2.00 - 2.50
Citronellol, bots.....lb. 1.90 - 2.15
Clove, Madagascar, bls.....lb. .14½- .14⅜
Zanzibar, bls.....lb. .14⅜- .15¼
Clover tops, bls.....lb. .13 - .14
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works.....bbl. 8.00 - —
tanks, works.....gal. .07 - .09
refd., bbls., c.l., works..bbl. 7.75 - —
l.c.l., works.....bbl. 8.50 - —
tanks, works.....gal. .08 - .10
water-gas, crude, dms., c.l., works..dm. 6.75 - —
l.c.l., works.....dm. 7.50 - —
tanks, works.....gal. .07 - .08
refd., dms., c.l., works..dm. 7.25 - —
l.c.l., works.....dm. 8.00 - —
tanks, works.....gal. .08 - .09
Cobalt acetate, bbls., divd....lb. .55 - .57
kgs., divd.....lb. .62 - —
Carbonate, tech., bbls., divd.lb. 1.35 - —
Chloride, dms., works.....lb. .64 - .69
Hydrate, bbls.....lb. 1.66 - 1.76
Linoleate, paste, dms.....lb. .30 - —
solid, 8½%, bbls.....lb. .31 Nom.
Oleate, bbls.....lb. .28 - —
Oxide, black, kgs.....lb. 1.41 - 1.51
Resinate, fused, A, bbls.....lb. .12¾- —
1%, bbls.....lb. .11¾- —
2%, bbls.....lb. .16 - .16¼
8%, bbls.....lb. .17 - .17¼
precip., dms., divd.....lb. .20 - —
Sulphate, dms.....lb. .51 - .55
Cocaine hydrochloride, cns....os. 9.75 -10.00
Cochineal, gray, bgs.....lb. .22 - .26
Teneriffe, silver, bgs.....lb. .23 - .27
Cocillana bark, bgs.....lb. .22 - .23
Cocoa butter, lump, bgs c.l..lb. .15 - .15¼
Codeine, cns., 100 ozs.....oz.11.70 -12.45
Hydrochloride, cns., 100 ozs..oz.10.50 -10.85
Phosphate, cns., 100 ozs.....oz. 9.00 - 9.35
Sulphate, cns., 100 ozs.....oz. 9.50 - 9.85
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls.....lb. .07 - .07½
Blue, root, bls.....lb. .06 - .06½
Colchicine, vis.....oz.34.00 -35.00
Colchicum seed, bgs.....lb. .25 - .26
Collodion, USP, dms.....lb. .12 - .15
Flexible, USP, dms.....lb. .14 - .15
Colocynth pulp, bls.....lb. .50 - .55
Colombo root, bls.....lb. .11 - .12
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .09 - .10
Conium leaves, bls.....lb. .14 - .15
Copaiba balsam, Para, cns.....lb. .18 - .20
S.A., US.P, cns.....lb. .20 - .22
Copper carbonate, 52-59%, bbls.lb. .14½- .16⅛
18-20%, bbls.....lb. .07 - .08
Chloride, bbls.....lb. .17 - .18
Cyanide, tech., bbls.....lb. .27 - .29
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .09½- —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works. lb. .14½- —
smaller lots, works.....lb. .15 - —
Red, com'l, 50-75%, kgs., c.l., f.o.b. N.Y..lb. .14 - —
l.c.l., f.o.b. N. Y....lb. .15 - —
Resinate, precip., bbls.....lb. .18 - .19
Stearate, precip., bbls.....lb. .35 - .40
Sulphate (see Blue vitriol)
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.. 100 lbs. 1.25 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs, Pacific Coast.....lb. .0235-.0240
Coriander seed, Morocco, bgs..lb. .06½- .07
bleached, bgs.....lb. .07¾- .08¼
Russian, bgs.....lb. No stocks.
Corn sugar, tanner's, bbls., divd. 100 lbs. 3.28 - —
ex whse.....100 lbs. 3.18 - —
Syrup, 42°, bbls.....100 lbs. 3.20 - —
43°, bbls.....100 lbs. 3.30 - —
Cornsilk, bls.....lb. .07½- .08
Corrosive sublimate, bxs., fib. dms., kgs..lb. .81 - .96
Cottonroot bark, bls.....lb. .11½- .12
Cottonseed hull ash, 25-30% pot-ash, bulk, divd..unit-ton. 1.00 - —
Coumarin, cns.....lb. 3.10 - 3.35
Cramp bark, genuine, bls.....lb. .20 - .21
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .09 - .10
Cream tartar, cryst., bbls.....lb. .17¾- .17⅝
kgs.....lb. .17¾- .18
gran., bbls.....lb. .16⅝- .17⅛
kgs.....lb. .17¼- .17½
powd., bbls.....lb. .16⅝- .17⅛
kgs.....lb. .17¼- .17½
Creosote, wood, beech., bots..lb. .70 - .75
pine, dms.....gal. .28 - —
USP, bots.....lb. .45 - .47
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, I, tanks, works..gal. .12½- .13½
II (coaltar solution), tanks, works..gal. .109 - .12
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP., dms.....lb. .10 - .10½
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto..lb. .33¼- —
1 ton, same basis.....lb. .35 - —
1,000 lbs., same basis..lb. .36 - —
1 bbl., same basis.....lb. .38 - —
4% rotenone, bbls., 5 tons, same basis..lb. .28¼- —
1 ton, same basis.....lb. .30 - —
1,000 lbs., same basis..lb. .31 - —
1 bbl., same basis.....lb. .33 - —
3% rotenone, bbls., 5 tons, same basis..lb. .24¼- —
1 ton, same basis.....lb. .26 - —
1,000 lbs., same basis..lb. .27 - —
1 bbl., same basis.....lb. .29 - —
Cubeb berries, XX, bgs.....lb. .37 - .38
powd., cs.....lb. .40 - .41
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs....lb. .11 - .11½
Indian, bgs.....lb. .11 - .11½
Morocco, bgs.....lb. .11¾ Nom.
Cutch, Philippine, bls., c.l...lb. .04 - —
Cyanamid, 21-22% N., dom. pulv., bgs., f.o.b. Gulf ports, divd. interior, NH_3 unit. 1.07½- —
Atlantic ports, NH_3 unit. 1.00 - —
Cyanide-chloride mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

D

Damiana leaves, bls.....lb. .14 - .15
Dandelion root, German, bls..lb. .17 - .18
Deertongue leaves, bls.....lb. .10 - .12
Degras, common, dom., bbls., c.l., works..lb. .06¼- .06⅝
l.c.l., works.....lb. .05⅝- .06
English, bbls.....lb. .04⅝- .06¼
Japanese, bbls.....lb. .06¾- .07
neutral, dom., bbls.....lb. .08½- .10½
English, bbls.....lb. .09 - .09½
Derris root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto.....lb. .43 - —
1 ton, same basis.....lb. .44 - —
1,000 lbs., same basis..lb. .46 - —
1 bbl., same basis.....lb. .48 - —
4% rotenone, bbls., 5 tons, same basis..lb. .37 - —
1 ton, same basis.....lb. .38 - —
1,000 lbs., same basis..lb. .40 - —
1 bbl., same basis.....lb. .42 - —
3% rotenone, bbls., 5 tons, same basis..lb. .32 - —
1 ton, same basis.....lb. .33 - —
1,000 lbs., same basis..lb. .35 - —
1 bbl., same basis.....lb. .37 - —
Dextrin, British gum, bgs., c.l., f.o.b. Chicago..100 lbs. 3.90 - —
l.c.l., f.o.b. Chicago,100 lbs. 4.20 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.65 - —
l.c.l., f.o.b. Chicago 100 lbs. 3.85 - —
white, bgs., c.l., f.o.b. Chicago 100 lbs. 3.60 - —
l.c.l., f.o.b. Chicago 100 lbs. 3.80 - —
Potato, import., bgs.....lb. .07¾- .08⅜
Tapioca bgs., ex whse ....lb. .06 - —
Diamyl ether, dms., c.l., works. lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Pathalate, dms., c.l., divd..lb. .19 - —
l.c.l., divd.....lb. .19½- —
5-gal. dms., works.....lb. .22 - —
tanks divd.....lb. .18 - —
Sulphide, dms., l.c.l., works lb. 1.10 - —
Diamylamine, dms., l.c.l., works. lb. 1.00 - —
Diamylene, dms., c.l., works..lb. .093 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Dianisidin, bbls.....lb. 2.25 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific est., works. ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -150.00
import., bgs., c.l., f.o.b. N.Y. ton.40.00 - —
Dibutyl phthalate, dms.....lb. .18 - .18½
Tartrate, dom., dms.....lb. .35 - .40
import., dms.....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic)
Dichloroethyl ether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Dichloropentanes, dms., c.l., works..lb. .062 - —
l.c.l., works.....lb. .04 - —
tanks, works.....lb. .025 - —
Diethanolamine, dms.....lb. .31 - .33
Diethyl carbonate, coml., dms..lb. .31½- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol)
Phthalate, dms., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
tanks .....lb. .17½- —
Diethylaniline, dms.....lb. .83 - .84
Diethylene oxide, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —
Diethyleneglycol, dms., c.l., works lb. .16½- —
l.c.l., works.....lb. .17½- —
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Digitalis leaves, dms.....lb. .25 - .26
Diglycol oleate, light, bbls....lb. .24 - —
Dill seed, dewhiskered, polished, bgs..lb. .06½- .07
recleaned, bgs.....lb. .05¾- .06
Dimethyl phthalate, dms.....lb. .19½- .20
Dimethylanilin, dms.....lb. .29 - .30
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls.....lb. .17 - .17½
purified, bbls.....lb. .19 - .19½
Dinitrochlorobenzene, bbls.....lb. .14½- .15½
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .23 - .24
Dinitrotoluene, dms.....lb. .15½- .16½
oily, dms.....lb. .06½- .10
Diorthotoluoiguanidin, dms., 2,000 lbs. or over, divd.....lb. .44 - —
600-1,950 lbs., divd.....lb. .46 - —
150-450 lbs., divd.....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works..lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls.....lb. .31 - .32
Diphenylguanidin, dms., 2,000 lbs. or over, divd..lb. .35 - —
600-1,950 lbs., divd.....lb. .36 - —
150-450 lbs., divd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.35.00 - —
Extract, 25% tan., bbls.....lb. .06 - .06½
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .04 - .05
Jamaica, bls.....lb. .06½- .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .95 - 1.00
Duboisine sulphate, vis.....os.34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
38 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .90 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.15 - 1.25
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 2.80 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
206 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .85
307 Fast cyanin black B...lb. .80 - .85
326 Direct fast scarlet.....lb. 2.00 - 2.25
364 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.50
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.25
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .50
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .47½
495 Benzo purpurin 10B.....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF...lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .25 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .62
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin (water soluble).lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L.....lb. .90 - 1.00
Sulphur black.....lb. .20 - .23
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .90 - .50
Zambesi black .....lb. .75 - .87
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
851 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base, lt .....lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Brown:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —

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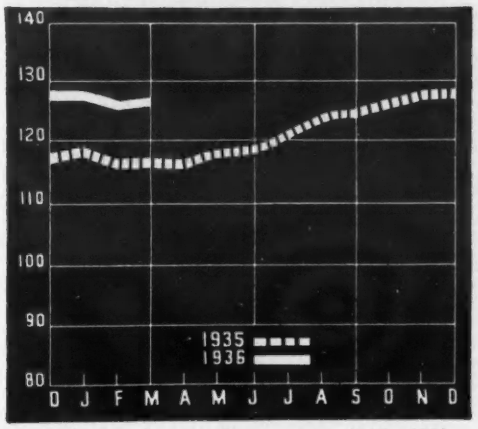
ALCOHOL NEWS

JUNE ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1936

ETHYL ALCOHOL PRODUCTION



(moving twelve-month averages, 1935=100)

ETHYL ALCOHOL

		1936	1935
Production			
1000 proof gals.	Jan.-Mar.	39,825	34,901
	March	13,899	12,844
	February	12,747	9,767
Withdrawals			
1000 proof gals.	Jan.-Mar.	36,686	34,658
	March	12,320	14,620
	February	11,770	8,603

TOILET PREPARATIONS MFRS. MAY USE LARGER CONTAINERS

T. D. 4607 Outlines Procedure

Manufacturing permittees producing toilet preparations may file application under Treasury Decision 4607 for authority to use containers of more than one gallon capacity as prescribed by Regulation:

Circular Letter AT. 161 describes procedure and reads as follows:

"The application should be made to the Supervisor in whose district the permittee is located, and must set forth fully the reasons for desiring the exemption, the name, alcoholic content and quantity of each product to be so sold, the actual size of the containers to be used, the name and address of the purchaser and whether such purchaser proposes to use the product for his own purposes or to resell the same.

"The Supervisor's action on the application should be based primarily on the bona fides of the reasons of the purchaser for desiring to obtain the preparations in larger than one-gallon containers and the actual needs therefor, which should be determined by investigation of the purchaser. If the purchaser is located in another district, the Supervisor of that district should be requested to make the necessary investigation in order to avoid denying to permittees in one district privileges which are granted in other districts."

The Philadelphia sales office of U. S. Industrial Alcohol Sales Co., Inc. has recently been removed to new offices in the Terminal Concourse Building, 401 North Broad Street. The office was formerly located at 800 North Delaware Avenue.

ALCOHOL ESSENTIAL IN ART OF PERFUMERY— SERVES AS SOLVENT AND DIFFUSING AGENT

Science of Preparation of Perfume Materials Has Progressed but Alcohol Remains Only Satisfactory Solvent

The modern art of perfumery depends on alcohol as a solvent and diffusing agent as much today as ever. While perfumers and chemists have made substantial progress in their efforts to duplicate in perfume essences the natural odors of flowers, no solvent which will satisfactorily replace alcohol has been found.

Alcohol is important because it blends with the odors of the perfume essences and increases their strength and natural qualities. It can be said that alcohol acts almost as an ingredient of perfume, for it contributes so much to it. Often the perfume essences seemingly have little odor in concentrated form, but when alcohol is added, the odors are diffused and all the delicacy and bouquet of the perfume become apparent to the sense of smell.

Perfume Alcohols

It is not known when alcohol was first used as a solvent for perfumes, but no doubt it has been for centuries. In the United States, alcohol for perfumers known as "Webb's Cologne Spirits" has been sold for over one hundred years by James A. Webb and Sons. This firm is now a part of the U. S. Industrial Alcohol Co. U. S. I. also offers a special grade of alcohol of extremely high purity and neutral odor, particularly for the perfume trade.

Both alcohol and perfume have been known from the time of our earliest recorded history. The tombs of Egypt have revealed traces of perfume, and a recipe for the making of perfume from sweet spices and frankincense is given in the Book of Exodus. Myrrh is probably the earliest known aromatic gum of which we have a record: this was mentioned in an Egyptian papyrus written about 2000 B. C.

(Continued on next page)

NEW C. D. FORMULAS

The Office of the Commissioner of Internal Revenue, Treasury Department, has issued T. D. 4646 modifying Completely Denatured Alcohol Formulas 5-A and 10 and directing further denaturation of stocks of these formulas now on hand.

T. D. 4646, approved May 27, 1936, is quoted below:

"Pursuant to authority conferred by the Act of June 7, 1906 and Title III of the National Prohibition Act, Completely Denatured Alcohol Formulae 5-A and 10 Authorized by Treasury Decision No. 10 approved June 30, 1932 are modified to read as follows effective from the date of approval hereof to July 1, 1936:

Completely Denatured Alcohol Formula No. 5-A Modified.

To every 100 parts by volume of ethyl alcohol of not less than 160° proof add:
- 2.5 parts by volume of denaturing grade isopropanol.
- 3.0 parts by volume of the compound pontol or a compound similar thereto.
- 2.0 parts by volume of methyl isobutyl ketone.
- 0.5 parts by volume either aldehol grade A or denatol or a compound similar thereto.
- 0.5 parts by volume of the compound calorite or a compound similar thereto.
- 0.25 parts by volume of commercial alpha terpineol, denaturing grade.

Completely Denatured Alcohol Formula No. 10 Modified.

To every 100 parts by volume of ethyl alcohol of not less than 160° proof add:
- 5.0 parts by volume of the compound tecsol or a compound similar thereto.
- 2.5 parts by volume of the compound pontol or a compound similar thereto.

(Continued on next page)

PERFUME ESSENCES are extracted from natural flowers with volatile solvents in this factory in France. Such essential oils as grasse and ruse are produced by this method of extraction.

Prepared Monthly by the U. S. Industrial Alcohol Co.

ADVERTISEMENT—*This entire page is a paid advertisement.*

JUNE ★ **ALCOHOL NEWS** ★ 1936

ALCOHOL AND PERFUME

(Continued from preceding page)

Each period of history has seen additions to the list of raw materials used in the manufacture of perfumes. At the present time a few products of animal origin and many natural products of vegetable origin are employed, but the chemical laboratory has contributed the most important items. Synthetic aromatics are numberless, and some of our most popular odors are built up from simple raw materials.

Three of the most interesting animal products are ambergris, musk, and civet. Ambergris, one of the rarest and most valued aromatic gums, is the morbid secretion of the sperm whale. Certain "viverrine carnivores," members of the cat family, excrete a semi-liquid, civet. These animals, known as Civet cats, are found in southern Asia and in Ethiopia. Musk, one of the materials used in ancient times, is a glandular secretion of the musk deer.

The preparation of perfume from animal as well as vegetable materials has taken four principal forms: Expression, Distillation, Enfleurage, and Extraction.

Citrus fruit oils are obtained by expression—squeezing or pressing. Oils of orange, lemon, and bergamot, the last a constituent of Eau de Cologne, are obtained by this method. Distillation with water is now widely used, but some essences are made by Enfleurage. By this method, natural flowers are placed on odorless fat or grease and the odors are absorbed from the flowers. The perfume odors are then extracted from the fat with alcohol or by maceration, during which the fat or "pomade" is melted.

The object of perfumers has always been to duplicate exactly the wonderful natural and exquisite odors of flowers. This was not possible, in many cases, until modern chemistry opened the way. The products of nature have now been synthesized to such an extent that nearly all known natural odors can be duplicated in the laboratory. A large number of synthetic aromatics are available, and new ones are constantly being developed. These in combination with each other, and in combination with the natural essences, make the possible odors almost limitless.

Today two popular perfume odors, gardenia and Russia leather (Cuir de Russe), are purely of synthetic origin, and such odors as rose and lily-of-the-valley often contain little if any of the natural aromatic oils.

Odors do not altogether depend upon the perfumers' art for their popularity; style trends and locality determine to a large extent what odor the perfumer shall offer.

PERFUME GRADE ALCOHOL OFFERED BY U. S. I.

Formulas of Specially Denatured Alcohol authorized by the Treasury Department for use in the manufacture of perfumes are offered by U.S.I. in a special high grade.

Every step in the production of these high quality formulas is watched with scrupulous care, having in mind the exacting requirements of this most particular trade. The pure spirit before denaturation is rigidly tested for proof and freedom from foreign odor and the denaturants are likewise checked for purity and odor characteristics. The resulting finished formulas therefore represent the highest quality and uniformity attainable, and manufacturers have come to depend on the U.S.I. grade for their finest products.

Two formulas especially adapted to the needs of perfumers, S.D. No. 39-B and S.D. No. 39-C, are available to qualified purchasers, in the usual size containers.

Authorized composition is given below:

S.D. No. 39-B
To 100 gallons of ethyl alcohol add: 2½ gallons diethyl phthalate and ⅛ gallon of denaturing grade tertiary butyl alcohol.

S.D. No. 39-C
To 100 gallons of ethyl alcohol add: 1 gallon diethyl phthalate.

NEW C. D. FORMULAS

(Continued from preceding page)

2.5 parts by volume of denaturing grade isopropanol.
2.0 parts by volume of methyl isobutyl ketone.
0.5 parts by volume of aviation gasoline.

"Except as to that packaged in drums or smaller containers, all stocks of completely denatured alcohol formulae numbers 5-A and 10 on the premises or in the possession or under the control of denaturers including stocks sold on consignment and remaining in the hands of the denaturers or their consignees, must be immediately further denatured by having added thereto 1.75 gallons of methyl isobutyl ketone to every 100 gallons. This denatured alcohol must be marked and branded completely denatured alcohol formula No. 5-A modified or completely denatured alcohol formula No. 10 modified, respectively.

Specifications for Methyl Isobutyl Ketone

Acidity: Not more than 0.02% as acetic acid.
Specific Gravity: 0.799 to 0.804 at 20/20 degrees C.
Color: Water-white.
Boiling range (760 mm.): None should come over below 113 degrees C. or none above 119 degrees C. when distilled by the A. S. T. M. method."

TECHNICAL DEVELOPMENTS

The items in this column are gathered from many varied sources. Further information may be obtained by writing to U. S. I.

U S I

Food products may be given additional aroma by adding highly concentrated aromatic substances, according to a recent report. Concentrates with the flavor of strawberries, raspberries, rum, and vanilla are available to give sweetmeats a natural aroma. The materials will keep, and will withstand the high temperatures of the boiling process.

U S I

Fabrics can be marked by the use of an invisible marking ink which is applied by a special machine. Letters or symbols are discernible only when the fabric is viewed under a filtered mercury-vapor light. The ink will remain on the fabric permanently, and will not fade. It is also reported that this ink has no effect on the fabric, and will not cause damage if spilled.

U S I

A new luminous green paint has been developed for rendering small objects such as light switches, keyholes, or alarm signals visible in the dark. The paint is said to be non-poisonous. It contains no radium, phosphorus, or calcium sulphide. Light is absorbed and the luminosity is retained for several hours in the dark. It is sold in kits containing a brush and waterproof lacquer.

U S I

A washing and softening agent can be prepared by treating sperm oil with a mixture of sulfuric acid and the glycerol ester of sulphuric acid. According to a description of the process, which is covered by a Swiss Patent, spermaceti can be substituted for the sperm oil.

U S I

A new socket dial thermometer is on the market. It is available in the self-contained type as well as in the distant reading type. The former type can be used at any angle without employing a special stem. The distant reading type is furnished with six feet of connecting tubing and a union bulb. A complete set of scales, ranging from −20° to +800° F. (or corresponding centigrade) is available.

U S I

Lubricants can be more easily applied to laboratory apparatus, small instruments and delicate machinery by a new oiler. It has the appearance of a fountain pen and can be carried in the pocket. Brass and pyralin are used in the construction and the oil supply is visible.

U S I

A new alcohol-soluble resin of synthetic origin has been introduced. Melting point is said to be 95° C. or lower according to requirement, color range is from 1 to 8, acid value is 5 or less and ash under 0.1%. Freedom from wax, dirt, moisture and all foreign and insoluble matter is also claimed.

U.S. INDUSTRIAL ALCOHOL CO.

WORLD'S LARGEST PRODUCERS OF INDUSTRIAL ALCOHOL

ETHYL ALCOHOL

SPECIALLY DENATURED-*All Formulas* • COMPLETELY DENATURED-*All Formulas* • ANHYDROUS-*Denatured* • ABSOLUTE-*Pure*
SOLOX-*The General Solvent* • U. S. I. *Pyro Brand* DENATURED ALCOHOL • SUPER PYRO *Anti-Freeze*
PURE (190 PROOF) TAX PAID—TAX FREE
U. S. I.—U. S. P.-*Ethyl* • WEBB'S-*Ethyl*

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities.

Dyes, coaltar for general uses (numbers are those of Colour Index scale).
Acid.—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
Violet:—
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow..lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin.....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
860 Indulin.....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
657 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
17 Amidoazotoluene yellow..lb. .75 - —
655 Auramine.....lb. 2.00 - —
800 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.30 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
348 Naphthol blue black S. lb. .80 - —
865 Nigrosin.....lb. .35 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.60 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin.....lb. .87 - —
909 New blue R.....lb. 1.50 - —
923 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1150 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
331 Bismarck brown G..lb. .53 - —
332 Bismarck brown R..lb. .37 - —
783 Phosphin.....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.25 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.50 - —
1076 Alizarin cyanin green. lb. 2.25 - —
Orange:—
20 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .39 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .43 - —
37 Amidonaphthol red 6B. lb. .69 - —
79 Ponceau R.....lb. .45 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin.....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
252 Brilliant crocein M.lb. .68 - —
677 Fuchsin.....lb. 1.90 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.59 - —
841 Safranin.....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .82 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
19 Naphthol yellow S..lb. .85 - —
128 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin.....lb. .80 - —
655 Auramine.....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .16 - .17
Egg albumen (see Albumen)
Yolk, dom., cs.....lb. .63 Nom.
import, cs.....lb. .49 - .51
Elder flowers, bright, bls.....lb. .16 - .17
dark, bls.....lb. .15 - .16
Elecampane root, bls.....lb. .08 - .09
Elm bark, grinding, bls.....lb. .09 - .10
powd., bbls., bxs.....lb. .15 - .16
select, bndls., cs.....lb. .17 - .18
Emetine hydrochloride, bots., vls. oz.15.00 -15.38
Ephedra, bls.....lb. .06 - .07
Ephedrine, tins, 100 ozs.....oz. 1.00 - —
Hydrochloride, tins, 100 ozs..oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls.....100 lbs. 1.80 - —
USP, cryst., dom., bgs., c.l. 100 lbs. 1.90 - —
bbls., c.l.....100 lbs. 2.00 - —
l.c.l.....100 lbs. 2.35 - 2.60
import, bgs.....100 lbs. 2.00 - —
dried, dom., bgs., l.c.l...lb. .06 - .08
Ergot, USP, cs.....lb. 2.00 - 2.25
Eserine, bots., vls.....oz.42.00 -42.25
Salicylate, bots., vls.....oz.29.00 -29.25
Sulphate, bots., vls.....oz.30.00 -30.25
Ether, acetic, dms.....lb. .10 - .11
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots.....lb. .75 - .77
Sulphuric, conc., dms.....lb. .09 - —
synth., dms., c.l., works...lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms.....lb. .26 - .27
USP, 1880, dms.....lb. .29 - .40
washed, dms.....lb. .27 - .29
Ethyl acetate, dms., c.l., frt. alld. lb. .07 - —
l.c.l., frt. alld.....lb. .07½- —
tanks, frt. alld.....lb. .06 - —
anhyd., dms., c.l., frt. alld.lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, frt. alld.....lb. .07 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, bots.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 - 1.25
Formate dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.60
Lactate, 55-gal. dms., works.lb. .23 - —
5-gal. dms., works.....lb. .26 - —
Oxalate, dms.....lb. .30 - .34
Ethylbenzylaniline, dms.....lb. .85 - .90
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., dlvd.....lb. .05½- .0994
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l.....lb. .18 - .21
tanks.....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —
Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .20 - .23
tanks, works.....lb. .18 - —
Ethylidinaniline, dms.....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd..lb. .07½- —
l.c.l., frt. pd.....lb. .08 - —
tanks, frt. pd.....lb. .06½- —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns.....lb. .51 - .53
Eucalyptus leaves, bls.....lb. .05 - .05½
Eugenol, cns.....lb. 1.75 - 2.25
Euphorbia, bls.....lb. .06 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -18.00
glass, 20 mesh, bulk, works.ton.11.00 -13.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs, lb. .06½ Nom.
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .12 - .13
Fenugreek seed, bgs.....lb. .04½- .05
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, ca., 1,000 lbs. or over, E. works lb. .13½- .15
smaller lots, E. works. lb. .13½- .16
light, ca., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, ca., 1,000 lbs. or over, E. works..lb. .15 - .18
smaller lots, E. works.lb. .16 - .19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns....gal. 9.00 -10.00
Oregon, bbls.....gal. .90 - 1.10
Fish berries, bgs.....lb. .09 - .10
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. 2.50 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.41.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts .....unit-ton.2.25 & .50 Nom.
sardine, meal, Calif., 12-13% ammon., bgs., c.l.f. E Cst. ports...unit-ton. 3.10 & .10 Nom.
Japanese, 11½% ammon. bgs., c.l.f. ports, July/Aug. shipt..ton.36.50 -37.00
Flake white, bbls., kgs.....lb. .09¾- .10¾
Flaxseed, French, black, bgs..lb. .09 - .09½
Indian, blonde, bgs.....lb. .07¼- .07¾
Fluorspar, enamel, 96-98%, bgs.. ton.30.00 -35.00
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton.18.00 - —
import., bulk, Atlantic ports, duty-paid..ton.21.25 -21.75
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines..ton.20.00 - —
powd., 97%, import., bgs., Atlantic ports, duty paid..ton.31.00 -33.00
Formaldehyde, bbls., c.l., works. lb. .06 - —
l.c.l., works.....lb. .06½- .07
Fringetree bark, bls.....lb. .10 - .11
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.22.00 - —
l.c.l., ex whse.....ton.32.00 - —
Furfural, refd., dms., c.l., works lb. .13 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —
Fusel oil, refd., dms. incl., dlvd. lb. .16 - .18
Fustic extract, cryst., bbls...lb. .20 - .23
liquid, bbls.....lb. .06½- .08
solid, dms.....lb. .16 - .18

G

G salt, bbls.....lb. .45 - .47
Galangal root, bls.....lb. .06 - .09
Gall extract, bbls.....lb. .18 - .20
Gambier, common, bgs.....lb. .06¾ Nom.
plantation, bgs.....lb. .09 Nom.
Cubes, Singapore, bgs.....lb. .07 - .08½
Extract, bbls.....lb. .09 .10
Gasoline, at refinery:—
Bayonne, US motor, 62-63 octane, tanks..gal. .06¾- —
65 octane, tanks.....gal. .07 - —
above 65 octane, tanks.gal. .07½- —
California, 56-58, 375 e.p., tanks..gal. .05 - —
Gulf Coast, US motor bulk, export..gal. .05¾- —
60-62, 390 e.p., bulk, export. gal. .05½- —
60-62, 400 e.p., bulk, export. gal. .05¾- —
64-66, 375 e.p., bulk, export. gal. .05¾- —
Louisiana-Arkansas, US motor, tanks..gal. .04½- .04¾
58-60 450 e.p., tanks..gal. .04½- .04¾
64-66, 375 e.p., tanks..gal. .05¾- .05¾
68-70, 350 e.p., tanks..gal. .04¾- .04¾
Gasoline, at refinery, Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04¾- .04¾
63-67 octane, tanks....gal. .05½- .05¾
68-70 octane, tanks....gal. .05¾- .06¼
60-62, 400 e.p., tanks...gal. .04¾- .05
64-66, 375 e.p., tanks...gal. .05¾- .06½
natural, 12-lb. v.p., tanks, gal. .06½- .06¾
14-lb. v.p., tanks.....gal. .03½- —
18-lb. v.p., tanks.....gal. .03 - .03¼
22-lb. v.p., tanks.....gal. .02¾- —
26-70-lb. v.p., tanks...gal. .02¾- .02½
Pennsylvania, US motor, tanks gal. .05½- —
52-54, 450 e.p., naphtha, tanks..gal. .05¾- —
60-62, 400 e.p., strt. run, tanks..gal. .06 - —
tankwagon and service station (Federal and State taxes included):—

	T.W.	S.S.
Atlanta.....gal.	.205	.225
Boston.....gal.	.14	.16
Chicago.....gal.	.155	.175
Cincinnati.....gal.	.175	.195
Denver.....gal.	.19	.21
Louisville.....gal.	.19	.21
Minneapolis.....gal.	.164	.184
New Orleans.....gal.	.185	.22
New York.....gal.	.165	.192
San Francisco.....gal.	.17	.19

Gelatin, silver, cs.....lb. .50 - .55
Geisemium root, bls.....lb. .12 - .13
Gentian root, bls.....lb. .09 - .10
grd., bbls., bxs.....lb. .12 - .13
powd., bbls., bxs.....lb. .13 - .14
Geraniol, cns.....lb. .75 - 3.00
Geranyl acetate, bots.....lb. 1.75 - 2.50
Ginger root, African, bgs.....lb. .14 - .14½
Cochin, lemon, bgs.....lb. .16½- .17
Jamaica, bold, bgs.....lb. .18 - .18½
grinding, bright, bgs.....lb. .12¾- .13½
medium, bold, bgs.....lb. .13½- .14
Ginseng fibers, cs.....lb. 1.75 - 2.00
Root, cultivated, cs.....lb. 2.00 - 4.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., 5 tons or over..100 lbs. .85 - —
smaller lots.....100 lbs. 1.00 - —
bbls., 5 tons or over..... 100 lbs. .95 - —
smaller lots.....100 lbs. 1.10 - —
import., bgs.....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 36 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .11 - —
l.c.l., dlvd.....lb. .11½- —
28/53, bgs., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
38/82, bgs., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
48/108, bgs., c.l., dlvd....lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
Hide, calcimine type, 83 millipoise, 125 jelly grams, bgs., c.l., dlvd. East, Midwest..lb. .13½- —
l.c.l., same basis.....lb. .14 - —
80/164, bgs, c.l., same basis.lb. .14 - —
l.c.l., same basis.....lb. .14½- —
67/192, bgs..c.l., same basis.lb. .15 - —
l.c.l., same basis.....lb. .15½- —
75/222, bgs..c.l., same basis.lb. .16 - —
l.c.l., same basis.....lb. .16½- —
88/251, bgs., c.l., same basis.lb. .17 - —
l.c.l., same basis.....lb. .17½- —
92/283, bgs., c.l., same basis.lb. .18 - —
l.c.l., same basis.....lb. .18½- —
102/316, bgs., c.l., same basis lb. .18½- —
l.c.l., same basis.....lb. .19 - —
113/347, bgs., c.l., same basis lb. .19½- —
l.c.l., same basis.....lb. .20 - —
125/379, bgs, c.l., same basis lb. .20½- —
l.c.l., same basis.....lb. .21 - —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C. P., cns., l.c.l.....lb. .16¼- .17½
dms., extra, c.l.....lb. .14¼- —
l.c.l.....lb. .15 - —
dynamite, dms., extra, c.l.....lb. .14½- —
l.c.l.....lb. .15 - —
saponification, basis 88%, dms. returnable, dlvd..lb. .11¼- .12¼
soaplye, basis 80%, dms. returnable, dlvd..lb. .10¼- .10¾
yellow, distilled, dms. extra, c.l. lb. .14¾- —
l.c.l.....lb. .14¼- —
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .32 - —
Stearate, dms.....lb. .33 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid, brown, bots..oz.21.75 -22.00
yellow, bots.....oz.19.75 -20.00
Gold-soda chloride, photo., bots. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. .14 - .14½
Golden seal root, bls.....lb. 2.35 - 2.40
powd., bxs.....lb. 2.55 - 2.60
Grains of paradise, bgs.....lb. .09 - .09½
Graphite, flake (cryst.), 50% 325 mesh, 50% graphitic carbon, bgs., c.l., works.lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02¾- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04¼- —
Grease, house, trcs.....lb. .04¾- .04¾
white, trcs.....lb. .05 - .06¾
yellow, trcs.....lb. .04¾- .04¾
Wool (see Adeps lanae and Degras)
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .20 - —
6-10%, bbls., same basis.lb. .21 - —
11-15%, bbls., same basis.lb. .22 - —
16-20%, bbls., same basis.lb. .22½- —
21-25%, bbls., same basis.lb. .23 - —
26-30%, bbls., same basis.lb. .23½- —
31-35%, bbls., same basis.lb. .24½- —
36-40%, bbls., same basis.lb. .26 - —
41-45%, bbls., same basis.lb. .27½- —
46-50%, bbls., same basis.lb over 50%, bbls., same basis lb. .30 - —
Chrome and chrome oxide greens prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Texas (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b Chicago.

Dyes, Red—Gum, Copal

Green, chrome reduced, C.P. color content up to 5%, bbls, same basis..lb. .05¾- —
6-10%, bbls., same basis.lb. .06½- —
11-13%, bbls., same basis.lb. .07 - —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07½- —
20-21%, bbls., same basis.lb. .07¾- —
22-23½%, bbls., same basis.lb. .08 - —
24-25%, bbls., same basis.lb. .08¼- —
26-27%, bbls., same basis.lb. .08½- —
28-29%, bbls., same basis.lb. .09 - —
30-31%, bbls., same basis.lb. .09¼- —
32-33%, bbls., same basis.lb. .11 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .16 - —
46-50%, bbls., same basis.lb. .16½- —
51-55%, bbls., same basis.lb. .17 - —
56-60%, bbls., same basis.lb. .17½- —
61-65%, bbls., same basis.lb. .18 - —
66-70%, bbls., same basis.lb. .19 - —
71-75%, bbls., same basis.lb. .20 - —
Chrome oxide, dom., pure, bbls., contract or open order, same basis as chrome C.P..lb. .17 - .18½
ceramic, light shades, bbls., c.l., works..lb. .20 - —
l.c.l., works.....lb. .25 - —
standard grade, bbls., works..lb. .22 - —
import, bbls., kgs., f.o.b. N. Y..lb. .21 - —
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .06½- .10
Guaiac resin, cs.....lb. .85 - .90
strained, cs.....lb. .95 - 1.00
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.92
Carbonate, bxs., kgs.....lb. 2.15 - 2.40
Guarana, powd., cs.....lb. .65 - .70
Gum, aloe (see A)
Ammoniac, tears, cs.....lb. .90 - .95
Arabic, amber sorts, cleaned, bgs..lb. .09¾- .10
white, sorts, 1, bgs.....lb. .27 - .28
2, bgs.....lb. .25 - .26
powd., bbls.....lb. .13 - .14
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.15 - 1.25
Sumatra, cs.....lb. .17 - .18
Camphor (see C)
Chicle, bgs.....lb. No prices
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran..lb. .40¾- —
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c higher for 1-9 bgs.
2, cloudy white, bgs., c.l., same basis..lb. .27½- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .29½- —
4, pale bold straw, bgs., c.l., same basis..lb. .28½- —
5, pale straw bold, bgs., c.l., same basis..lb. .24¾- —
6, pale amber bold, bgs, c.l., same basis..lb. .23¾- —
7, pale straw bold, bgs., c.l., same basis..lb. .24¼- —
8, light amber bold, bgs., c.l., same basis..lb. .21¼- —
9, medium light amber bold, bgs., c.l., same basis..lb. .20 - —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .21½- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .27½- —
12, selected bold sorts, bgs., c.l., same basis..lb. .26¼- —
13, dark sorts bold, bgs., c.l., same basis..lb. .25½- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .29½- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .27½- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .26¾- —
17, pale fingers, bgs., c.l., same basis..lb. .25¾- —
18, pale straw nubs, bgs., c.l., same basis..lb. .19 - —
19, pale straw nubs, bgs., c.l. same basis. lb. .21 - —
20, hard dark amber nubs, bgs, c.l., same basis..lb. .26½- —
21, ordinary selected nubs, c.l., same basis..lb. .25¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .26¾- —
23, dark mixed nubs, bgs., c l., same basis..lb. .25¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .23¾- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .26¼- —
26, pale bold chips, bgs., c.l., same basis..lb. .26¼- —
27, pale small chips, bgs., c.l., same basis..lb. .25½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .24¾- —
East India, Batu, bold, scraped, bgs., c.l., same basis.lb. .25½- —
unscraped, bgs., c.l., same basis..lb. .24 - —
chips, bgs., c.l., same basis lb. .25¾- —
dust, bgs., c.l., same basis.lb. .25¾- —
nubs and chips, bgs., c.l., same basis..lb. .23¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .27¾- —
unscraped, bgs., c.l., same basis..lb. .24½- —
nubs and chips, bgs., c.l., same basis..lb. .24¾- —
Hirce Macassar, pale, bold, ogs, c.l., same basis..lb. .23¾- —
chips, bgs., c.l., same basis..lb. .25½- —
dust, bgs., c.l., same basis lb. .23¾- —
nubs, bgs., c.l., same basis..lb. .21½- —
Singapore Rajah, bold, bgs., c.l., same basis..lb. .25¾- —
chips, bgs., c.l., same basis lb. .24¾- —
dust, bgs., c.l., same basis.lb. .23¾- —
nubs, bgs., c.l., same basis.lb. .20¾- —

Gum, Copal—Litharge

Gum, copal, Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .18½- —
Loba A, bskts., c.l., same basis lb. .12 - —
B, bskts., c.l., same basis..lb. .10¾- —
C, bskts., c.l., same basis..lb. .09¾- —
CNE, bskts., c.l., same basis..lb. .06¾- —
D, bskts., c.l., same basis..lb. .09½- —
DK, bskts., c.l., same basis lb. .07 - —
DU, bskts., c.l., same basis lb. .08¾- —
dust, bskts., c.l., same basis. lb. .06¼- —
Sambas and white split chips, bskts., c.l., same basis..lb. .12¼- —
Singapore, dust, bskts., c.l., same basis..lb. .05¼- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .06½- —
DBB, bskts., c.l., same basis lb. .08 - —
MA, bskts., c.l., same basis. lb. .06¾- —
MB, bskts., c.l., same basis.. lb. .06¾- —
WS, bskts., c.l., same basis.. lb. .09¼- —
Philippine Manila, amber sorts, bskts., c.l., same basis..lb. .07¼- —
chips, pale, bskts., c.l., same basis..lb. .06¼- —
small, bskts., c.l., same basis..lb. .07½- —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs, bskts., c.l., same basis.. lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .03¾- —
Pontianak, bold, genuine, bgs., c.l., same basis..lb. .14¼- —
mixed, bgs., c.l., same basis lb. .13¾- —
chips, bgs., c.l., same basis..lb. .07¾- —
nubs, bgs., c.l., same basis..lb. .10¼- —
split, bgs., c.l., same basis.lb. .12¾- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .21¾- —
A/D, cs., c.l., same basis.lb. .16¼- —
A/E, cs., c.l., same basis.lb. .13½- —
B, cs., c.l., same basis...lb. .20¾- —
C, cs., c.l., same basis...lb. .16¾- —
D, cs., c.l., same basis...lb. .14¼- —
dust, cs., c.l., same basis.lb. .06¼- —
E, cs., c.l., same basis...lb. .06¾- —
F, cs., c.l., same basis...lb. .06¾- —
Singapore 1, cs., c.l., same basis lb. .16¼- —
2, cs., c.l., same basis...lb. .13¾- —
3, cs., c.l., same basis...lb. .06¼- —
chips, cs., c.l., same basis.lb. .09¾- —
dust, cs., c.l., same basis.lb. .05¼- —
seeds, cs., c.l., same basis..lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., 75,000 lbs. or over, dlvd..lb. .07¾- —
10,000-74,999 lbs., dlvd..lb. .07¾- —
3,000-9,999 lbs., dlvd....lb. .08¾- —
less than 3,000 lbs., dlvd.lb. .08¾- —
Euphorbium, cs.....lb. .18 - .20
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .58 - .59
powd., bbls.....lb. .65 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, XXX, bbls., bxs., dms. lb. .24 - .25
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .33 - —
B1, cs., c.l., same basis..lb. .19 - —
B2, cs., c.l., same basis..lb. .14½- —
B3, cs., c.l., same basis..lb. .12 - —
80% chips, cs., c.l., same basis..lb. .06½- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis...lb. .40 - —
2, cs., c.l., same basis...lb. .22 - —
3, cs., c.l., same basis...lb. .15 - —
Kino, tins.....lb. .70 - .80
Mastic, cs., c.l., same basis as copal lb .60 - —
Myrrh, USP, cs.....lb. .35 - .40
Olibanum, siftings, cs.....lb. .07 - .08
tears, cs.....lb. .12 - .28
Opium (see O)
Rosin (see R)
Sandarac, cska., c.l., same basis as copal..lb. .19½- —
Scammony, cs.....lb. 1.15 - 1.25
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs.....lb. .11½- .12½
Talha, bgs.....lb. .05 - .06
Thus, bbls.....280 lbs.11.00 - —
strained, bbls.....280 lbs.11.00 - —
Tragacanth, Aleppo, 1, cs...lb. 1.25 - 1.30
2, cs.....lb. 1.15 - 1.20
3, cs.....lb. 1.00 - 1.05
4, cs.....lb. .90 - .95
5, cs.....lb. .80 - .85
6, bgs.....lb. .21 - .25
sorts, bgs.....lb. .30 - .35
Yacca, bgs., c.l., same basis as copal..lb. .03¼- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald ton.12.50 - —
Sweetwater, Tex., frt. equald ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
Import., bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 2.00 - 2.20
Hellebore, white, root, powd., bbls.lb. .10½- .11
Helonias root, bls.....lb. .36 - .38
Hematine crystals, bbls.....lb. .16 - .24
Hemlock extract, 25% tan., bbls.lb. .03½- —
tanks.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .02½- .03
Henbane leaves, bls.....lb. .22 - .23
Henna leaves, bls.....lb. .07 - .08
powd., bbls, bxs.....lb. .09 - .10
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .25 - —
tanks, Group 3.....gal. .09 - —
normal, 86-100°C., dms, c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10 - —
Hexalin, dms.....lb. .30 - —
Hexane, normal, 60-70°C., dms., c.l., Group 3..gal. .15 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .12 - —
laboratory grade, dms., c.l., Group 3..gal. .19 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms..lb. .35 - .37
USP, dms., 1,000 lbs.....lb. .46 - .47
Hexyl acetate, dms., c.l., f.o.b. dest..lb. .125 - —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .115 - —
Homatropine hydrobromide, bots., vls..oz.13.00 -13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.40 - —
Hops, dom., 1934 crop, bls.....lb. .09 - .11
1935 crop, bls.....lb. .12 - .16
import., 1934 crop, bls.....lb. .45 - .65
1935 crop, bls.....lb. .55 - .85
Horehound, bls.....lb. .06¼- .07
Hydrangea root, bls.....lb. .06 - .09
Hydrastine, vls.....oz.11.00 -11.50
Hydrochloride, vls.....oz.11.00 -11.50
Sulphate, vls.....oz.13.00 -13.50
Hydrastis (see Golden seal).
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, bbls., kgs.....lb. 1.10 - 1.15
Hyoscine hydrobromide, vls.....oz.13.00 -13.25
Hyoscyamine, vls.....oz.15.00 - —
Hydrobromide, vls.....oz.15.00 - —
Sulphate, vls.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .15 - .20
solid, bxs.....lb. .17 - .20

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .13 - .14
powd., bbls.....lb. 1.00 - —
Indol, CP, bots.....lb.34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, kgs.....lb. .90 - —
resubl., kgs.....lb. 1.50 - 1.55
tincture, bbls.....gal. 1.90 - —
Iodoform, kgs., 100 lbs.....lb. 3.75 - 3.80
Ionone, bots.....lb. 3.25 - 4.00
Ipecac root, bgs.....lb. .90 - 1.05
powd., bxs.....lb. 1.05 - 1.15
Irish moss, ordinary, bls.....lb. .11 - .12
powd., 80-90 mesh, bbls...lb. .22 - .30
prime, bleached, bls.....lb. .18 - .19
Iron acetate, CP, 17% solut., bbls. lb .03 - .04
Chloride, tech., cryst., bbls., kgs..lb. .06 - .08
USP, cryst., bbls.....lb. .07¼- .08
solut., cbys.....lb. .06¼- .06¾
Citrate, USP VIII, pearls, cns., lb. .72 - —
powd., cns.....lb. .84 - —
scales, cns.....lb. .77 - —
Hypophosphite, cns.....lb. 1.85 - 1.90
Iodide, bots.....lb. 2.85 - 2.90
syrup, djns.....lb. .37 - .38
Nitrate, comi., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - .50
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns.lb. .54 - —
scales, cns.....lb. .59 - —
Ferrous, cns.....lb. .25 - —
Pyrophosphate, pearls, cns...lb. .59 - —
scales, cns.....lb. .64 - —
Reduced, 90%, cs.....lb. .80 - .85
Sulphate, tech. (see Copperas).
USP, cryst., bbls.....lb. .04¼- .04¾
Iron-ammonia citrate, brown, gran., cns..lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
green, gran., cns.....lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
Oxalate, cryst., bbls., kgs..lb. .24½- .25¼
Iron-potash oxalate, cryst., bbls., kgs..lb. .42 - .43
Iron-soda oxalate, cryst., bbls., kgs .lb 24½- .25¼
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .58 - —
Isopropanal, see Alcohol, isopropyl.
Isopropyl acetate, dms., c.l., frt. alid..lb. .07 - —
..c.l., frt. alid.....lb. .07¼- —
tanks, frt. alid.....lb. .06 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .07 - —
l.c.l.....lb. .08 - —
tanks.....lb. .04 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .17 - .20
powd., bbls., bxs.....lb. .21 - .24
Juniper berries, bgs.....lb. .04¾- .05½

K

Kamala, tins.....lb. .24 - .25
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .04⅞- —
Gulf ports, p.w., bulk, export, gal. .03¾- —
w.w., bulk, export.....gal. .04⅛- .04¼
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03¾- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¾- .04
42-44 w.w., tanks.....gal. .03¾- .04
Pennsylvania, 45 w.w., tanks, gal. .05½- —
46 w.w., tanks.....gal. .05¾- —
tankwagon:—
Atlanta.....gal. .135 - —
Boston.....gal. .075 - —
Chicago.....gal. .098 - —
Cincinnati.....gal. .125 - —
Denver.....gal. .11 - —
Louisville.....gal. .10 - —
Minneapolis.....gal. .102 - —
New Orleans.....gal. .12 - —
New York.....gal. .07¼- —
San Francisco.....gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .05½- .06

L

Lady slipper root, bls.....lb. .30 - .32
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs.10.50 -10.75
Middlewestern, trcs...100 lbs.10.45 -10.55
Western, choice, trcs..100 lbs.10.55 -10.65
compound, trcs.....100 lbs.10.75 -11.00
neutral, trcs.....100 lbs.11.50 -11.75
Larkspur seed, bgs.....lb. .20 - .22
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .03 - .05½
Lavender flowers, ordinary, bls.lb. .50 - .52
select, bls.....lb. .80 - 1.00
Lead acetate, brown, broken, bbls.lb. .09½- —
white, broken, bbls.....lb. .11 - —
cryst, bbls.....lb. .10½- —
gran., bbls.....lb. .11 - —
powd., bbls.....lb. .11¼- —
Arsenate, dms., c.l., dealers, E. of Rockies..lb. .09½- —
jobbers, E. of Rockies..lb. .09 - —
W. of Rockies.....lb. .09 - —
l.c.l., consumers, W. of Rockies..lb. .10¾- —
dealers, E of Rockies, 1,000 lbs. or over..lb. .09¾- —
101-999 lbs.....lb. .10¾- —
100 lbs. or less.....lb. .11¾- —
W. of Rockies.....lb. .09¾- —
jobbers, E. of Rockies..lb. .09¾- —
Lead arsenate prices are works or whse. basis, frt. alld. to, dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., cl., dlvd. E.....lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06¼- —
l.c.l., dlvd. E.....lb. .06¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bxs.....lb. 40 - 50
Iodide, jars.....lb. 2.35 - 2.40
Linoleate, pale, precip., dms.lb. .18 - —
Metal (see daily quotations in market report)
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .15 - —
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls. c. l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0735- —
other points.....lb. .0710- —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. lb .07¾- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore and Wash..lb. .08¼- —
Colo., Mont., N. Mex., Wyo.....lb. .08 - —
other points.....lb. .07¼- —
smaller lots, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08¼- —
other points.....lb. .08 - —
97% Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.lb. .0760- —
other points.....lb. .0735- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08 - —
Ariz., etc.....lb. .08¼- —
Colo., etc.....lb. .08¼- —
other points.....lb. .07¾- —
smaller lots, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08 - —
Colo., etc.....lb. .08¼- —
other points.....lb. .08¼- —
98% Pb_3O_4, bbls., c.l. (20 ton), dlvd. Ala., etc. lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08¼- —
other points.....lb. .08 - —
smaller lots, dlvd. Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .08¼- —
Colo., etc.....lb. .08¼- —
other points.....lb. .08¼- —
in oil, steel kgs., 1,000 lbs. lb. .10½- —
500 lbs.....lb. .11 - —
smaller lots.....lb. .12 - —
Resinate, fused, bbls.....lb. .09 - .10
precip., bbls.....lb. .14 - —
Stearate, bbls.....lb. .22 - .23
Sulphate (see Lead, white)
Titanate, bbls., c.l., f.o.b. St. Louis, frt. paid E. of Rockies or f.o.b. Pac. Cst. terminal..lb. .10 - —
l.c.l., f.o.b. St. Louis or f.o.b. whses., frt or ctge paid E. of Rockies..lb. .10¼- —
Lead, white, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .06¾- —
other points.....lb. .06½- —
l.c.l. dlvd. Ariz., etc..lb. .07 - —
other points.....lb. .06¾- —
Basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .06¼- —
other points.....lb. .06 - —
l.c.l. dlvd. Ariz., etc.lb. .06½- —
other points.....lb. .06¼- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .10 - —
500 lbs., dlvd.....lb. .10½- —
smaller lots, dlvd.....lb. .11½- —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .28
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 .08
select, bndls., cs.....lb. .17 - .19
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefronte, Pa....ton. 7.00 - —
Berkeley, W. Va....ton. 7.00 - —
California, northern..ton.12.25 - —
southern.....ton.11.25 - —
Cedar Hollow, Pa....ton. 8.00 - —
Chicago.....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 7.00 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich...ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
hydrated, paper bgs., f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkeley, W. Va....ton. 8.50 - —
Buffalo.....ton.11.00 - —
California, northern.ton.14.75 - —
southern.....ton.13.75 - —
Cedar Hallow, Pa...ton. 8.50 - —
Chicago.....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Marble Cliff, Ohio...ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Petosky, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bgs, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio...ton. 11.00 - —
Marble Cliff, Ohio...ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind.....ton. 9.00 - —
Scioto, Ohio.....ton. 9.00 - —
Sherwood, Wis.....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —
Salts (see Calcium)
Lime-sulphur, dry, bgs., consumer, dlvd. Ore..lb. .06¼- .06½
Idaho, Utah, and W. Mont..lb. .07¼- .07½
Wash. (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whiteman counties). lb. .06½- .06¾
dealers, dlvd. E. of Rockies, except Fla..lb. .07¾- .08¼
Ore.....lb. .05¾- —
Idaho, etc.....lb. .06¾- —
Wash. (as above)...lb. .06 - —
jobbers, dlvd. E. of Rockies, except Fla..lb. .07¼- .08½
Ore.....lb. .05½- —
Idaho, etc.....lb. .06½- —
Wash. (as above)...lb. .05¾- —
dms., dealers, dlvd. E. of Rockies, except Fla., lb. .11 - .12
Fla.....100 lbs. 1.90 - 2.00
jobbers, dlvd. E. of Rockies, except Fla..lb. .10¼- —
Lime-sulphur, solution, dms., dealers, dlvd. Del., Ill., Ind., Ia., Ky., Md., Mich., Minn., Mo., N. E. States, N. J., N. Y., N. C. (Allegheny, Ashe, Rockingham, Stopes and Surry counties), Ohio, Pa., Tenn. (W. of Term. R.), Va., W. Va., Wis.gal. .13 - 16
jobbers, same basis...gal. .12½- 15
tanks, 4,000 gals. min., dealers, dlvd. Del., etc..gal. .11 - —
jobbers, same basis...gal. .10½- —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, bots.....lb. 1.50 - 2.25
Linden flowers, with leaves, bls.lb. .16 - .17
without leaves, bls.....lb. .18 - .19
Linseed cake, bgs., export....ton.24.00 - —
Meal, 32%, dom., bgs.....ton.32.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .0685- —
other points.....lb. .0610- —

Litharge coml., powd., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss. Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. .lb. .06¾ - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. .lb. .07¼ - —
Colo., Mont., N. Mex., Wyo. .lb. .07 - —
other points .lb. .06½ - —
smaller lots, divd., Ala., etc. .lb. .07¼ - —
Ariz., etc. .lb. .07¾ - —
Colo., etc. .lb. .07½ - —
other points .lb. .07 - —
Lithium bromide, jars .lb. 1.70 - 1.75
Carbonate, bbls. .lb. 1.25 - 1.30
Chloride, bbls. .lb. 1.65 - 2.00
Citrate, bbls. .lb. 1.40 - 1.50
Fluoride, bbls. .lb. 2.00 - 2.50
Iodide, bots., jars .lb. 4.70 - 4.75
Lithopone, dom., high-strength, bgs., 5 tons, divd. E. or ex whse, Pac. Cst. .lb. .06 - —
smaller lots, same basis .lb. .06¼ - —
bbls., 5 tons, same basis .lb. .06¼ - —
smaller lots, same basis .lb. .06½ - —
ordinary, bgs., 5 tons, same basis .lb. .04½ - —
smaller lots, same basis .lb. .04¾ - —
bbls., 5 tons, same basis .lb. .04¾ - —
smaller lots, same basis .lb. .05 - —
titanated, bgs., 5 tons, same basis .lb. .06 - —
smaller lots, same basis .lb. .06¼ - —
bbls., 5 tons, same basis .lb. .06¼ - —
smaller lots, same basis .lb. .06½ - —
import., bbls., ex dock .lb. No prices
Liverwort leaves, bls .lb. .19 - .20
Lobelia herb, bls .lb. 12 - .13
Seed, bgs. .lb. .35 - .36
Logwood extract, cryst., bbls .lb. .16 - .20
liquid, 51°, bbls .lb. .06½ - .10¼
solid, bxs .lb. .13½ - .17¼
Sticks, Haitian, shipt. .ton. 24.00 - 25.00
Lovage root, dom., bls .lb. 55 - .65
import, bls. .lb. .26 - .35
Lupulin, N.F., dom., old crop, tins .lb. 1.50 - —
new crop, tins .lb 3.00 - —
import., tins .lb No stocks
Lycopodium, cs. .lb. 1.20 - 1.30

M

Mace, Banda, cs. .lb 60 - .62
Batavia, cs. .lb. .45 - .46
Siauw 1, cs. .lb. .58 - .60
Madder, Dutch, bgs .lb. .22 - .25
Magnesia arsenate, bgs .lb. .18 - .20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila. .lb .27 - —
1,000-10,000 lbs., same basis .lb. .28½ - —
less than 1,000 lbs., same basis .lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila. .lb. .28 - —
1-lb. pkgs., same basis .lb. .38 - —
light, bbls., same basis .lb. .23 - —
1-lb. tins, same basis .lb. .33 - —
USP, heavy, bbls., same basis .lb. .30 - —
1-lb. pkgs., same basis .lb. .40 - —
special, bbls., same basis .lb. .27 - —
super light, bbls., same basis .lb. .30 - —
import., heavy, pharm., bbls. .lb. .50 - —
light, extra, bbls. .lb. .36 - .40
standard, bbls. .lb. .30 - —
Carbonate, tech., bgs., c.l., works .lb. .06 - .06¼
USP, bbls., c.l. .lb. .08¼ - .09
Chloride, flake, dom., bbls., works .ton. 36.00 - 39.00
Hypophosphite, cns. .lb. 1.45 - 1.50
Oxide (see Calcined)
Palmitate, bbls. .lb .23 Nom
Peroxide, 15%, dms., works .lb 1.00 - 1.05
Silicate (see Talc)
Silicofluoride, bbls. .lb .09¼ - .10¼
Stearate, bbls., ctns., c.l. .lb .20 - —
1 ton .lb .21 - —
1,000-2,000 lbs. .lb .22 - —
smaller lots .lb .23 - —
Sulphate (see Epsom salt)
Magnesite, calc., import., bbls ton. 60.00 - 65.00
dead-burned, dom. bulk, c.l., f.o.b Chewehah, Wash. .ton. 22.00 - —
Malva flowers, black, bls. .lb. .38 - .40
Blue, bls .lb. .45 - .50
Leaves, bls. .lb. .12 - .13
Manaca root, bls. .lb. .20 - .21
Mandrake root, bls. .lb. .09¼ - .10
Manganese acetate, dms. .lb. .25¼ - .26¼
Arsenate, bgs. .lb. .12 - .12¼
Borate, tech., bbls. .lb. .15 - .16
Chloride, bbls. .lb. .07½ - .08
Dioxide, Canesian, 85-90%, csks., c.l., works. .ton. 51.50 - —
l.c.l., 5 tons, works. .ton. 54.50 - —
smaller lots, works. .ton. 59.50 - —
burlap bgs., c.l., works. .ton. 49.50 - —
l.c.l., 5 tons, works. .ton. 52.50 - —
smaller lots, works. .ton. 57.50 - —
paper bgs., c.l., works. .ton. 47.50 - —
l.c.l., 5 tons, works. .ton. 50.50 - —
smaller lots, works. .ton. 55.50 - —
Manganese, glycerophosphate, bbls., cans., 100 lbs. .lb. 2.60 - 2.65
Hydrate, bbls., divd. .lb. .30 - —
Iodide, bots., jars .lb. 5.10 - 5.15
Linoleate, liquid, 4%, dms. .lb. .18 - .19¼
solid, precip., 8.2%, bbls. .lb. .17½ - .19
Ore, 52% basis, bbls., c.i.f. Atl. pts. .unit-ton. .28 - .27
Resinate, fused, 3½%, bbls. .lb. .06¾ - .08¼
precip., dms. .lb. .12 - —
Sulphate, anhyd., bbls., works. .lb. .07 - .07¼
cryst., 65% $MnSO_4$, bbls., c.l., divd. South. .ton. 43.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works. .lb. .02½ - —
smaller lots, works. .lb. .04 - —
Mangrove bark, bgs., shipmt, ton. 27.00 - —
Extract, 55%, bgs. .lb. .04 - —
Manna, flake, large, cs. .lb. .45 - .48
small cs. .lb. .24 - .26
Mannitol, pure, cryst., ca., works .lb. 1.60 - —
Marble flour, bgs. .ton. 12.00 - 14.00
Marjoram, French, bls. .lb. .20 - .21
Tunisan, bls. .lb .21 - .22
Matico leaves, bls. .lb. .30 - .31
Menthol, cs. .lb. 3.20 - 3.30
synthetic, cs. .lb. 2.25 - 2.50
Menthyl salicylate, tins, 100 lb. lots. .lb. 3.00 - —
25 lb., lots. .lb. 3.10 - —
Mercurial ointment, 30%, cns. .lb. .74 - —
33⅓%, cns. .lb. .77 - —
50%, cns. .lb. 1.07 - —
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, kgs .lb. 1.33 - —
Chloride (see Calomel)
Iodide, red, kgs., jars .lb. 3.45 - 3.50
Yellow, kgs., jars .lb. 3.55 - 3.60
Nitrate ointment (see Citrine ointment)
Oxide, black, dms., kgs. .lb. 3.85 - —
Red, N.F. (see Red precipitate)
tech. (see Red, mercury oxide)
Yellow, dom., tech., bbl. .lb. 1.19 - —
USP, dms., kgs. .lb. 1.69 - —
Mercury and chalk, kgs. .lb. .75 - .76
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in. .pkg. 1.50 - 1.75
Composition, 5½x5½ in. .pkg. 1.65 - 1.90
Gold, XX deep, 3¾x3¾ in. .pkg. 14.50 - 15.00
3¾x3¾ in. .pkg. 16.00 - 16.50
4x4 in. .pkg. 18.50 - 19.00
3⅞x5⅞ in. .pkg. 21.50 - 22.00
3⅞x5⅞ in. .pkg. 23.50 - 24.00
Silver, 3¾x3¾ in. .pkg. 2.50 - 2.75
Metanitroanilin, kgs. .lb. .67 - .69
Metanitroparatoluidin, bbls. .lb. 1.40 - 1.45
Metaphenylenediamine, kgs. .lb. .82 - .84
Metatoluylenediamine, kgs. .lb. .67 - .69
Methanol, natural, denat. grade, dms., c.l., frt. alld. .gal. .48 - —
tanks, frt. alld. .gal. .43 - —
contracts, frt. alld. .gal. .40 - —
95%, dms. c.l., Zone 1, frt. alld. .gal. .37½ - —
2, frt. alld. .gal. .39½ - —
3, frt. alld. .gal. .40¼ - —
4, frt. alld. .gal. .42½ - —
5, frt. alld. .gal. .42¼ - —
l.c.l., Zone 1, frt. alld. or dlvd. .gal. .40 - —
2, frt. alld. or dlvd. .gal. .44½ - —
3, frt. alld. or dlvd. .gal. .43 - —
4, frt. alld. or dlvd. .gal. .58 - —
5, frt. alld. or dlvd. .gal. .42¼ - —
tanks, Zone 1, frt. alld. .gal. .33 - —
2, frt. alld. .gal. .34½ - —
3, frt. alld. .gal. .36¼ - —
4, frt. alld. .gal. .36½ - —
5, frt. alld. .gal. .36¼ - —
97% dms., c.l., Zone 1, frt. alld. .gal. .38½ - —
2, frt. alld. .gal. .40¼ - —
3, frt. alld. .gal. .41½ - —
4, frt. alld. .gal. .43½ - —
5, frt. alld. .gal. .43¼ - —
l.c.l., Zone 1, frt. alld. or dlvd. .gal. .41 - —
2, frt. alld. or dlvd. .gal. .45½ - —
3, frt. alld. or dlvd. .gal. .44 - —
4, frt. alld. or dlvd. .gal. .59 - —
5, frt. alld. or dlvd. .gal. .50½ - —
tanks, Zone 1, frt. alld. .gal. .34 - —
2, frt. alld. .gal. .35½ - —
3, frt. alld. .gal. .37½ - —
4, frt. alld. .gal. .37¼ - —
5, frt. alld. .gal. .37½ - —
Methanol, pure, dms., cl., Zone 1, frt. alld. .gal. .40 - —
2, frt. alld. .gal. .42 - —
3, frt. alld. .gal. .43 - —
5, frt. alld. .gal. .45½ - —
5, frt. alld. .gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd. .gal. .42½ - —
2, frt. alld. or dlvd. .gal. .47 - —
3, frt. alld. or dlvd. .gal. .45½ - —
4, frt. alld. or dlvd. .gal. .61 - —
5, frt. alld. or dlvd. .gal. .52 - —
tanks, Zone 1, frt. all. .gal. .35½ - —
2, frt. alld. .gal. .37 - —
3, frt. alld. .gal. .39 - —
4, frt. alld. .gal. .39 - —
5, frt. alld. .gal. .39 - —
Methanol sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 5, N. Mex., Texas, Wyo.
Methyl acetate, 99%, dms., c.l., frt. alld. E. of Rockies .lb. .16 - —
W. of Rockies .lb. .16¼ - —
l.c.l., frt. alld., E. of Rockies .lb. .17 - —
W. of Rockies .lb. .17½ - —
92%, dms., c.l., frt. alld. E. of Rockies .lb. .13 - —
W. of Rockies .lb. .13¼ - —
l.c.l. frt. alld. E. of Rockies .lb. .14 - —
W. of Rockies .lb. .14½ - —
Acetoacetate, dms., l.c.l., frt. allt. lb .27 - —
Methyl, Acetone, dms., c.l., contracts, mins 1, frt. alld. .lb. .45½ - —
2, frt. alld. .gal. .47¼ - —
3, frt. alld. .gal. .48½ - —
4, frt. alld. .gal. .51 - —
5, frt. alld. .gal. .50½ - —
l.c.l., Zone 1, frt. alld. or dlvd. .gal. .48 - —
2, frt. alld. or dlvd. .gal. .52½ - —
3, frt. alld. or dlvd. .gal. .51 - —
4, frt. alld. or dlvd. .gal. .65¼ - —
5, frt. alld. or dlvd. .gal. .58¼ - —
tanks, contracts, Zone 1, frt. alld. .gal. .41 - —
2, frt. alld. .gal. .42½ - —
3, frt. alld. .gal. .44½ - —
4, frt. alld. .gal. .44½ - —
5, frt. alld. .gal. .44½ - —
Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zones 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.
Methyl acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies .gal. .52½ - —
2, frt. alld. E. of Rockies .gal. .54½ - —
3, Pacific coast .gal. .55½ - —
l.c.l., Zone 1, frt. alld. E. of Rockies .gal. .55 - —
2, frt. alld. E. of Rockies .gal. .59½ - —
3, Pacific coast .gal. .58 - —
Methyl acetone, synthetic, tanks, Zone 1, frt. alld. E. of Rockies .gal. .48 - —
2, frt. alld. E. of Rockies .gal. .49½ - —
3, Pacific coast .gal. .51 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D. Zone 3, Pacific coast.
Alcohol (see Methanol).
Anthranilate, bots. .lb. 2.10 - 2.50
Benzoate, bots. .lb. .70 - 1.00
Chloride cyirs. .lb. .40 - —
Cinnamate, bots. .lb. 3.00 - 3.75
Formate, dms. .lb. .35 - .36
Iodide, bots., jars .lb. 5.80 - 5.85
Salicylate, dms. .lb. .40 - .42
tins .lb. .42 - .45
Violet toner, bbls. (500 lbs.) .lb. .40 - —
smaller lots .lb. .42 - —
permanent, bbls. .lb. .80 - —
Methylanthraquinone, bbls. .lb. .80 - .83
Methylene blue, medicl., kgs. .lb. 2.00 - 2.25
Methylheptenone, bots. .lb. 3.00 - 4.00
Methylheptin carbonate, bots. .lb. 27.50 - 44.00
Methylhexyl ketone, dms., tech., wks. .lb. .60 - —
Methylisobutyl ketone, dms., c.l., wks. .gal. .76 - —
l.c.l. wks. .gal. .80 - —
tanks, wks. .gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee .ton. 8.00 - —
l.c.l., same basis .ton. 10.00 - —
180 mesh, containers extra, c.l., containers extra, c.l., same basis .ton. 10.00 - —
l.c.l., same basis .ton. 12.00 - —
250 mesh, containers extra, c.l., same basis .ton. 12.00 - —
l.c.l., same basis .ton. 14.00 - —
325 mesh, containers extra, c.l., same basis .ton. 17.00 - —
l.c.l., same basis .ton. 19.00 - —
Mica, dry-grd., plastic, No. 100 mesh, bgs., c.l., works. .ton. 35.00 - —
l.c.l., works .ton. 43.75 - —
second grade, bgs., c.l., works .ton. 33.00 - —
l.c.l., works .ton. 41.25 - —
250, 100 mesh, bgs., c.l., works .ton. 32.00 - 40.00
l.c.l., works .ton. 40.00 - 50.00
second-grade, bgs., c.l., works .ton. 23.00 - 30.00
l.c.l., works .ton. 29.00 - 37.50
300, 140 mesh, bgs., c.l., works .ton. 30.00 - —
l.c.l., works .ton. 62.50 - —
roofing, bgs., c.l., works .ton. 23.50 - 30.00
l.c.l., works .ton. 30.00 - 37.50
wet-grd., 160 mesh, pure white, bgs., c.l., divd. E. of Miss. R. .100 lbs. 4.50 - —
W. of Miss. R. 100 lbs. 5.00 - —
l.c.l., works .100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss R. 100 lbs. 4.00 - —
l.c.l., works .100 lbs. 3.50 - —
Michler's ketone, kgs. .lb. 2.50 - —
Milk powder, skimmed, roller, bbl., c.l. .lb. .08¾ - —
l.c.l. .lb. .09¾ - —
spray, bbls., c.l. .lb. .09¼ - —
l.c.l. .lb. .10¼ - —
Milk powder, unskimmed, roller, bbls., c.l. .lb. .17½ - —
l.c.l. .lb. .18¼ - —
spray, bbls., c.l. .lb. .17¼ - —
l.c.l. .lb. .18¼ - —
Millet seed, bgs. .lb. .03 - .03¼
hulled, bgs. .lb. .05 - .05¼
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks .gal. .08 - .08¼
Molybdenum metal, 98%, powd., kgs. .lb. 1.80 - 2.15
Monoamylamine, dms., l.c.l. works .lb. 1.00 - —
Monochlorobenzene, dms .lb. .06 - .06¼
Monoethanolamine, dms .lb. .31 - .35
Monoethylanilin, dms .lb. .77 - .79
Monomethyl para-aminosulphate, dms. .lb. 3.75 - 4.00
Morphine, cns. .oz. 10.90 - 10.98
Acetate, bots. .oz. 8.80 - 8.85
Ethylhydrochloride, vis. .oz. 10.50 - 10.55
Hydrobromide, cns. .oz. 8.70 - 8.75
Sulphate, cns. .oz. 8.75 - 8.80
Mullein flowers, cns. .lb. 1.05 - 1.10
Leaves, bls. .lb. .07 - .08
Musk, nat., Cabardine, grained, bots. .oz. No stocks
pods, bots. .oz. No stocks
Tonquin, grained, bots. .oz. 21.00 - 22.00
pods, bots. .oz. 14.50 - —
synth., ambrette, cns. .lb. 4.20 - —
Ketone, cns. .lb. 4.35 - —
Xylol, 100%, cns. .lb. 1.25 - —
Musk root, bls. .lb. .08¼ - .09
Mustard seed, Bombay, brown, bgs. .lb. .07½ - .08
California, brown, bgs. .lb. .06½ - .07
yellow, bgs. .lb. .06¾ - .07¼
Chinese, yellow, bgs. .lb. .05¼ - .05¾
Dutch, yellow, bgs. .lb. .08¼ - .08¾
English, yellow, bgs. .lb. .08¾ - .09¼
Hungarian, yellow, bgs. .lb. .07¼ - .07¾
Montana, brown, bgs. .lb. .07¼ - .07¾
yellow, bgs. .lb. .06¾ - .06¾
Roumanian, yellow, bgs. .lb. .06¼ - .06¾
Sicilian, brown, bgs. .lb. .11¼ Nom.
Myrobalans, J1, bgs., shipt. .ton. 21.50 - —
J2, bgs., shipt. .ton. 15.00 - —
R2, bgs., shipt. .ton. 14.50 - —
Extract, liquid, 25%, bbls. .lb. .04¼ - —

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works .100 lbs. No prices
import., 74-78%, bgs., c.i.f. Atlantic ports .100 lbs. 3.50-4.50 Nom.

Litharge—Oil, Castor

Naphthalene, refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. E. works. .lb. .07¼ - —
cs., same basis .lb. .07½ - —
pkgs. (16 oz.), same basis .lb. .08 - —
(12 oz.), same basis .pkg. .06½ - —
chipped, crushed, bbls., bgs., same basis .lb. .06½ - —
rice, cryst., powd., bbls., same basis .lb. .07½ - —
Refined naphthalene Western prices are ½c. per lb. higher, f.o.b. Chicago and Granite City, Ill.; storedoor delivery in metropolitan N. Y., Phila. and Chicago made in mim. 2,000-lb. quantities; smaller lots, 30c. per 100 lbs. higher.
Nerolin, cryst., cns. .lb. 1.27 - 1.35
Nickel carbonate, bbls. .lb. .36 - —
Chloride, bbls. .lb. .18 - .19¼
kgs. .lb. .21 - .22
Oxide, black, bbls. .lb. .35 - .38
Salt, double, bbls. .lb. .13 - .13¼
single, bbls. .lb. .13 - .13¼
Nicotine, 50%, cns. .8 lbs. 8.25 - 10.15
Sulphate, 10-lb. cns. .lb. .76½ - 1.06¼
5-lb. cns. .lb. .94 - 1.17
dms. .lb. .75 - .85
Nitercake, bulk, works. .ton. 16.00 - —
Nitrobenzene, dbl. dist., dms., c.l. .lb. .09 - —
l.c.l. .lb. .11 - —
tanks .lb. .08¼ - —
Nitrocellulose, alcohol-soluble, ¼, 15-20, 30-40, sec. vis., bbls., c.l., works. .lb. .29½ - —
l.c.l., 20-49, works .lb. .30 - —
1-19, works .lb. .31 - —
bronzing, 20, 40, 70 sec. vis., bbls., c.l., works. .lb. .31½ - —
l.c.l., 20-49, works .lb. .32 - —
1-19, works .lb. .33 - —
ester-soluble, ¼, ½, ¾, 15-20 sec. and higher vis., bbls., c.l., works .lb. .27½ - —
l.c.l., 20-49, works .lb. .28 - —
1-19, works .lb. .29 - —
lacquer, 20, 40 and 70 sec. vis., bbls., c.l., works. .lb. .32½ - —
l.c.l., 20-49, works .lb. .33 - —
1-19 works .lb. .34 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra, excepting film scrap; barrels to be paid for extra, but returnable; contract prices are 1c. lower than the above quotations. A contract price of 25½c. is standard for consumers of 50,000 pounds or over of ester-soluble nitrocellulose a year.
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports .unit-ton. 1.00 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Sept./Dec., shpt., unit-ton. 1.90 - —
Chemical, Ill., Summer shipt. .unit-ton. 1.85 - —
East Coast producing points .unit-ton. 2.00 - 2.15
import., bgs., c.i.f. Atlantic ports, July/Sept. shipt. .unit-ton. 2.05 - 2.15
Nitronaphthalene, bbls. .lb. .34 - .38
Nitrotoluene, mixed, dms. .lb. .10½ - .11
Nutgalls, Aleppo, bgs., cs. .lb. .20 - .22
Chinese, shipmt., cs. .lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs, cs. .lb. .19 - .20
110s, bgs, cs. .lb. .16½ - .17¼
West Indian, bgs. .lb. .12½ - .13¾
Nux vomica, bls. .lb. .06 - .07
powd., bbls., bxs. .lb. .07½ - .08

O

Oakbark extract, 22% tan., bbls. .lb. .03¼ - —
tanks .lb. .02¾ - —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3. .gal. .16 - —
l.c.l., G.3. .gal. .15 - —
tanks, G.3. .gal. .08 - —
Octyl acetate, dms., c.l., works. .lb. .16 - —
l.c.l., works .lb. .17 - —
small lots, works .lb. .20 - —
tanks, works .lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots. .lb. 2.00 - 2.60
s.p.a., bots. .lb. 2.25 - 2.75
Sweet, true, exp., cns. .lb. .50 - .57
Amber, crude, cns. .lb. .20 - .21
refd., cns. .lb. .52 - .53
Amyris, cns. .lb. 2.70 - 2.80
Angelica root, bots. .lb. 64.00 - 80.00
Seed, bots. .lb. 72.00 - 160.00
Anilin (see A).
Anise, USP, cns, dms. .lb. .56 - .59
Apricot kernel, dom., dms., frt. alld. .lb. .23½ - .32
spot .lb. .26 - .28
Russian, dms. .lb. .19 - .20
Babassu, tanks .lb. .06½ - —
Bay, W.I., cns. .lb. 1.05 - 1.25
Bergamot, artif., cns. .lb. 1.00 - 1.20
natural, coppers .lb. 1.90 - 2.30
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms. .lb. .14 - .15
rectifd., cns. .lb. .75 - .80
Bois de rose, Brazil, cns. .lb. 1.25 - 1.35
Cayenne, cns. .lb. 2.25 - 2.35
Cade, USP, cns. .lb. .26 - .28
Cajeput, tech., dms. .lb. .45 - .46
USP IX, cns. .lb. .47 - .49
Calamus, cns. .lb. 3.00 - 3.25
Camphor, sassafrassy, cns. .lb. .15 - .15½
dms. .lb. .13½ - .14
white, cns. .lb. .16 - .16½
dms. .lb. .14½ - .11
Cananga, native, cns. .lb. 2.30 - 2.35
rectifd., cns. .lb. 2.60 - 2.65
Capsicum (oleoresin), USP VIII, cns. .lb. 2.00 - 2.25
Caraway, USP, cns. .lb. 2.00 - 2.25
Cardamom, bots. .lb. 11.00 - 28.00
Cassia, USP, cns, dms. .lb. .95 - 1.10
Castor, blown, one-way dms., c.l. .lb. .12¼ - —
l.c.l. .lb. .13 - —
medicinal, bbls., c.l. .lb. .10¾ - —
l.c.l. .lb. .11¼ - —
cns. (1-gal.), l.c.l. .lb. .14¼ - —
dms. (returnable), c.l. .lb. .10½ - —
l.c.l. .lb. .11¼ - —
(5-gal.), l.c.l. .lb. .12¼ - —
tanks .lb. .10 - —
No. 3, bbls., c.l. .lb. .10¼ - —
l.c.l. .lb. .11 - —
dms. (returnable), c.l. .lb. .10 - —
l.c.l. .lb. .10¾ - —
tanks .lb. .09½ - —
Castor oil, med. and No. 3, prices are divd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices 35c. higher than N. Y.; l.c.l. prices, 35c. higher than N. Y.; one-way dms., ¼c. higher, all points.

Oil Castor—Oil Palmkernel

Oil, castor, sulphonated, 50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
75% (63% fat), dms., c.l..lb. .11½- —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13 - —
Cedarleaf, cns.....lb. .90 - .95
dms. .....lb. .85 - .90
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms..... lb. .15 - .—
Celery, bots.....lb. 10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs..lb. .25 - —
25 lbs..... lb. .— - —
Chinawood .....lb. .18¾- .18¾
tanks .....lb. .1800- .1820
Cinnamon, Ceylon, bots.....lb. 9.00 - 22.00
Seychelle, bots.....lb. 8.00 -10.00
Citronella, Ceylon, cns.....lb. .21 - 22.
dms. .....lb. .18 - .19
Java, dms.....lb. .30 - .31
Clove, USP, cns.....lb. 1.00 - —
dms. .....lb. .97 - —
Coconut, Manila, crude, tanks. lb. .04 - —
Pac. Cst.....lb. .03¾- .03⅞
edible, 76°, tax inc., dms. (returnable), c.l..lb. .09¾- —
l.c.l. .....lb. .09¾- —
tanks .....lb. .08¾- —
Cod, Newfoundland, tanked. bbls..gal. .40 Nom.
Norwegian, bbls.....gal. .31 - .33
Codliver, med., Norwegian, bbls. bbl. 24.00 -26.00
poultry, USP, bbls.....gal. .70 - .75
Coriander, bots.....lb. 5.50 - 5.75
Oil, corn, crude, tanks, works. lb. .08 - .08¼
refd., bbls.....lb. .10¾- .11
Cottonseed, dom., cooking, bbls. 100 lbs. 10.50 - —
salad, bbls.....100 lbs. 10.65 - —
import., Brazilian, semirefd., dms..lb. .05½ Nom.
British, refd., tanks.....lb. .10⅝ Nom.
semirefd., dms.....lb. .0680 Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.35 - 1.40
Cubeb, USP, cns.....lb. 2.75 - 3.25
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.50 -10.00
Cypress, cns..... .....lb. 12.00 -
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.65 - —
California, 27 plus, bulk..bbl. .80 - .90
Dill seed, bots.....lb. 3.25 - 3.50
Weed, bots.....lb. 5.00 - 5.50
Dip (see D).
Erigeron, cns.....lb. 1.45 - 1.55
Eucalyptus, cans.....lb. .34 - .35
dms .....lb. .32 - .33
Fennelseed, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California, tide-water..bbl. .82½- .85
Gulf Coast.....bbl. .90 - —
Kansas, 24-26.....bbl. .80 - .85
Louisiana-Arkansas, 16-20. bbl. .60 - .70
18-20 .....bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.06 - —
Tuesday .....bbl. 1.05 - —
Wednesday .....bbl. 1.05 - —
Thursday .....bbl. 1.05 - —
Friday .....bbl. 1.05 - —
Saturday .....bbl. 1.05 - —
North Texas, 24-26.....bbl. .65 - .70
26-30 .....bbl. .70 - .75
Oklahoma, 18-23.....bbl. .65 - .70
24-26 .....bbl. .70 - .75
26-30 .....bbl. .80 - .85
28-30 .....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04¾- .04⅞
Oil, furnace, Bayonne, 1, bulk, refinery .....gal. .05¼- —
2, bulk, same basis.....gal. .04¼- —
3, bulk, same basis.....gal. .04¼- —
4, bulk, same basis.....gal. .03¾- —
Kansas, 38-40.....gal. .03½- .03¾
Louisiana - Arkansas, 38 - 40, light straw.....gal. .02½- .03
Oklahoma, 28-30.....gal. .03 - .03½
32-36 .....gal. .03¼- .03¼
36-38 .....gal. .03¼- .03½
38-40, straw.....gal. .03½- .03¾
38-40, zero, 60 e.p.....gal. .03¾- .03⅞
Fusel (see F).
Gas, Bayonne, 32-36, bulk..gal. .04½- —
Gulf Coast, 32-36, bulk....gal. .02 - —
Kansas, 32-36, bulk.....gal. .02¾- .02¾
Louisiana - Arkansas, 32 - 36, bulk .....gal. .03 - .03½
North Texas, 32-36, bulk.gals. .02¾- —
Oklahoma, 32-36, zero, straw, bulk..gal. .02½- .02¾
Gaultheria (see Oil, winter-green leaf).
Geranium, Algerian, rose, cns. lb. 5.25 - 6.75
Bourbon, cns.....lb. 5.25 - 6.75
Turkish, cns.....lb. 1.60 - 2.00
Grapefruit, cns.....lb. 2.85 - 2.90
Ginger, dist., bots.....lb. 3.20 - 4.00
Guaiac wood, concrete, bots.lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import, bots.....gross 3.40 - 3.50
Halibut-liver, dms..... 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. .70 - .80
Hempseed, crude, dms.....lb. .08¾- .08½
refd., dms.....lb. .09¼- .09½
Herring, tanks, Pac. Cst...gal. No stocks
Juniper berry, USP, cns.....lb. 1.00 - 2.00
Wood, tech., cns.....lb. .45 - —
Oil, lard, common, 1 bbls.100 lbs. 7.75 - —
2, bbls.....100 lbs. 7.50 - —
extra, bbls.....100 lbs. 9.75 - —
1, bbls.....100 lbs. 8.00 - —
headlight, burning bbls.100 lbs. 11.00 - —
prime, ed., bbls.....100 lbs. 13.00 - —
ined., bbls.....100 lbs. 11.00 - —
winter, strained, extra, bbls, 100 lbs. 10.00 - —
prime, bbls.....100 lbs. 10.25 - —
Lavender flowers, French, USP, cns..lb. 2.75 - 7.25
Garden, cns.....lb. .45 - .50
Spike, Spanish, tech., cns..lb. .95 - 1.40
dms. .....lb. .85 - —
Lemon, Calif., cns.....lb. 1.15 - —
Messina, coppers, cns.....lb. 1.30 - 2.00
Lemongrass, native, cns., dms. lb. .43 - .45
Lime, dist., cns.....lb. 5.45 - 6.00
expressed, cns.....lb. 9.35 -12.00
Linaloe wood, cns.....lb. 1.25 - 1.30
Linseed, boiled, bbls., c.l....lb. .0990- .1030
l.c.l., 5 or over.....lb. .1030- .1070
less than 5.....lb. .1070- .1110
tanks .....lb. .0930- .0970
double boiled, bbls., less than 5..lb. .1090- .1130
raw, bbls., c.l.....lb. .0950- .0990
l.c.l., 5 or over.....lb. .0990- .1030
less than 5.....lb. .1030- .1070
tanks .....lb. .0890- .0930
Lovage, bots.....lb. 65.00 -66.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks..gal. .21½- —
80, 100 vis., tanks...gal. .24½- —
115, 125 vis., tanks..gal. .26½- —
green, pale, 750, 900 vis., tanks..gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21½- —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21½- —
pale, 75, 175 vis.,tanks.gal. .21½- —
Oklahoma, 100 vis., 3 color, tanks..gal. .13¾- .14
150 vis., 0-10° pour, tanks, gal. .17 - —
15-25° pour, tanks...gal. .16½- —
3 color, tanks.....gal. .14 - .14¼
4 color, tanks.....gal. .13¾- .13¾
E, tanks.....gal. .21 - —
180 vis., 3 color, tanks.gal. .15¼- .15½
4 color, tanks.....gal. .14¾- .15
190 vis., tanks.....gal. .25 - —
200 vis., 3 color, tanks.gal. .15¾- .16
4 color, tanks.....gal. .15¼- .15½
5 color, tanks.....gal. .14¾- .15
E, tanks.....gal. .24 - —
220 vis., 3 color, tanks.gal. .16¾- .17
4 color, tanks.....gal. .16¼- .16½
5 color, tanks.....gal. .16¼- .16½
240 vis., 3 color, tanks.gal. .17¾- .18
4 color, tanks.....gal. .17¼- .17½
280 vis., 3 color, tanks.gal. .18¾- .19
4 color, tanks.....gal. .18 - .18¼
5½ color, tanks.....gal. .17½- .17¾
Pennsylvania, bright, 600 cold test, 10-40 pour, tanks, gal. .25½- —
10-15 pour, tanks...gal. .26½- —
cylinder, 600 fire, tanks, gal. .16 - —
600 flash, tanks.....gal. .19 - —
630 flash, tanks.....gal. .23½- —
635 fire, tanks.....gal. .17½- —
650 fire, tanks.....gal. .18 - —
Warren, E, amber, tanks..gal. .19½- —
neutral, 150 vis., 3 color, tanks..gal. .22½- —
180 vis.,3 color,tanks.gal. .24 - —
200 vis..2 color,tanks.gal. .26½- —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .30½- —
unfiltered, 600 s.r., bbls., c.l., f.a.s..gal. .23 - —
600 flash, s.r., bbl., c.l., f.a.s..gal. .24½- —
650 flash, s.r., bbls., c.l., f.a.s..gal. .27½- —
650 s.r., bbls., f.a.s...gal. .23½- —
Warren, E, bbls., c.l.,f.a.s. gal. .25 - —
smaller lots, f.o.b..gal. .31 - —
Mace, dist., cns.....lb. 1.10 - 1.15
Menhaden, crude, tanks, f.o.b. Balto..gal. .32 - .33
refd., alkali, dms, c.l.....lb. .0700- —
l.c.l. .....lb. .0700- —
tanks .....lb. .0640- —
blown, dms.....lb. .0700- —
kettle-bodied, dms.....lb. .0800- —
light pressed, dms, c.l....lb. .0640- —
l.c.l. .....lb. .0640- —
tanks .....lb. .0580- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP., bots...lb. 1.75 - 1.78
dist., natural, bots.....lb. 8.00 - 9.00
expressed, bbls.....gal. .70 - .75
Neatsfoot, cold test, bbls.100 lbs. 16.00 - —
extra, bbls.....100 lbs. 8.25 - —
1, bbls.....100 lbs. 8.00 - —
purs, bbls.....100 lbs. 11.50 - —
Special, bbls.....100 lbs. 10.00 - —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb. 55.00 -60.00
Nutmeg, USP, cns.....lb. 1.10 - 1.15
Oiticica, dms.....lb. .14½- .15¼
shipment .....lb. .13¾- .14
Oleo, 1, bbls.....100 lbs. 9.25 - —
2, bbls.....100 lbs. 8.75 - —
Olibanum, bots.....lb. 5.25 - 5.30
Olive, denat., bbls.....lb. .75 - .76
edible, bbls.....gal. 1.60 - 1.80
foots, bbls.....lb. .08 - .08¼
sulphonated, 50% (48% fat), dms., c.l..lb. .09 - —
l.c.l. .....lb. .09½- —
75% (63% fat), dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13 - —
80% (68% fat), dms., c.l..lb. .13½- —
l.c.l. .....lb. .14 - —
Orange, sweet, dist., cns....lb. .85 - —
expressed, African, cns., dms..lb. .95 - 1.00
Calif., cns.....lb. 2.50 - —
Florida, cns.....lb. 2.50 - —
Messina, USP, coppers..lb. 1.90 - 3.00
Spanish, cns.....lb. 2.50 - 2.55
West India, cns.....lb. 1.95 - 2.00
Origanum, Spanish, cns.....lb. .70 - 1.35
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .04 - .04¼
shipment .....lb. .0375- —
softs, 12%, bulk, shipt....lb. .0350- —
20%, bulk ,shipt.....lb. .0337½ —
Sumatra, tanks.....lb. .03¼- .03⅜
shipment, bulk.....lb. .03¼- —
Palmarosa, cns.....lb. 1.60 - 2.00
Palmkernel, bulk, shipt.....lb. .0490 Nom.

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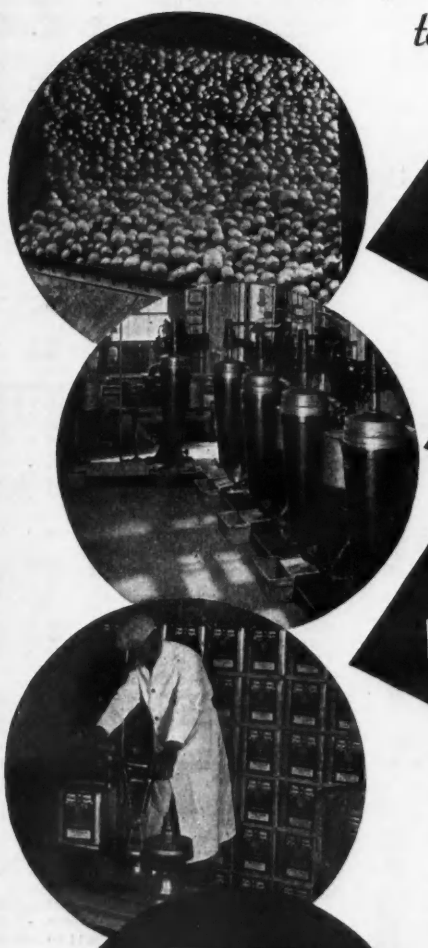

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Oil, paraffin, 320° flash, 60-70 vis., tanks, G. S.	gal.	.05¼- —
330° flash, 70-80 vis., tanks, G. S.	gal.	.05½- —
80-85 vis., bbls. extra, Ind. refy.	gal.	.12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy.	gal.	.14 - —
360° flash, 100-110 vis., tanks, G. S.	gal.	.06¾- —
Patchouli, bots.	lb.	4.75 - 6.00
Peanut, crude, tanks, works.	lb.	.08¼- .08½
refd., edible, bbls.	lb.	.12 - .12¼
Pennyroyal, dom., cns.	lb.	1.65 - 2.00
import., cns.	lb.	1.15 - 1.20
Peppermint, natural, cns.	lb.	1.90 - 2.30
redist., USP, cns.	lb.	2.10 - 2.50
Perilla, dms.	lb.	.08 - .08¼
tanks		.07½- .08
Petitgrain, Paraguay, cns.	lb.	1.00 - 1.15
Pimento berry, cns.	lb.	2.20 - 2.50
Leaf, cns.	lb.	1.05 - 1.10
Pine, dest.-dist., straw-color, dms., dlvd. E. ports	gal.	.44 - —
steam-dist., straw-color, bbls.	gal.	.59 - —
tanks	gal.	.54 - —
water-white, bbls.	gal.	.64 - —
tanks	gal.	.59 - —
Pineneedle, Siberian, cns.	lb.	.90 - 1.10
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22½- —
contracts	gal.	.19½- —
Whiting, Ind.	gal.	.28 - —
dms., c.l., Bost., Provid.	gal.	.25½- —
l.c.l., same basis	gal.	.27 - —
tanks, same basis	gal.	.18 - —
Martinez, Cal.	gal.	.28 - —
Rapeseed, blown, bbls.	lb.	.0680- .0680
denat., bbls.	gal.	.53 - .54
Red, dist. or saponif., bbls., dlvd.	lb.	.08¾- .09¾
dms, dlvd	lb.	.08½- .09½
tanks, dlvd.	lb.	.07¾- —
white, dms, dvld.	lb.	.11½- .12½
Rose, artif., bots.	oz.	2.00 - 3.00
natural, coppers	oz.	5.25 -22.50
Rosemary, tech., cns.	lb.	.30 - .42
USP, cns., dms	lb.	.34 - .45
Rosin, 1st rectfd., dms.	gal.	.42 - .44
2d rectfd., dms.	gal.	.48 - .50
3d rectfd., dms.	gal.	.55 - .57
Rue, bots.	lb.	2.15 - 2.20
Sage, cns.	lb.	1.70 - 1.75
Salmon, tanks, Pac. cst.	gal.	.31 Nom.
Sandalwood, Australia, cns.	lb.	4.50 - 5.00
E.I., USP, cns.	lb.	4.80 - 5.50
Sardine, crude, tanks, Pac. cst.	gal.	.28 Nom.
rfd., alkali, dms., c.l.	lb.	.0700- —
l.c.l.	lb.	.0700- —
tanks	lb.	.0640- —
kettle-bodied, dms.	lb.	.0800- —
light, pressed, dms., c.l.	lb.	.0640- —
l.c.l.	lb.	.0640- —
tanks	lb.	.0580- —
poultry feed., dms., Pac. cst.	gal.	.50 - —
Sassafras, artif., dms.	lb.	.37 - .38
cns	lb.	.40 - .41
natural, cns., dms	lb.	.75 - 1.25
Savin, cns.	lb.	1.70 - 1.75
Sesame, dom., refd., white, dms.	lb.	.12¾- .13¼
yellow, dms.	lb.	.12¾- .13¼
Shingle stain, bbls., c.l., works,	gal.	.17¼- —
l.c.l., works	gal.	.20 - —
tanks, works	gal.	.14½- —
Snakeroot, Canada, cns.	lb.	10.25 -12.50
Soybean, dom., crude, dms.	lb.	.0760-.0800
tanks	lb.	.0700- —
refd., dms	lb.	.0810-.0900
tanks	lb.	.0750-.0800
Spearmint, USP, cns.	lb.	1.40 - 1.50
Sperm, bleach, 38°, dms.	lb.	.0940-.0960
45°, dms.	lb.	.0870-.0890
natural, dms.	lb.	.0820-.0840
Spruce, cns.	lb.	.70 - .80
Sunflowerseed, refd., dms.	lb.	.09¼- .10
Sweet birch, North., cns.	lb.	2.50 - 2.75
South., cns.	lb.	1.90 - 2.10
Tallow, acidless, bbls.	100 lbs.	7.75 - —
tanks	100 lbs.	7.25 - —
Tansy, cns.	lb.	1.50 - 1.60
Tar, commil., dms., c.l., dlvd. E. cities	gal.	.26 - —
E. ports	gal.	.25 - —
l.c.l.	gal.	.28 - —
tanks, dlvd. E. cities	gal.	.20 - —
Tar acid (see T)		
Teaseed, dms.	lb.	.08¾- .09
shipment, dms	lb.	.09 - —
Thyme, NF, red, dms.	lb.	.68 - .85
white, dms	lb.	.80 - 1.10
Tung (see Oil, chinawood).		
Turkey red (see Oil, castor, sulphonated).		
Turpentine (see T).		
Turtle, cns.	gal.	4.00 - 5.00
Valerian, bots.	lb.	13.50 -14.00
Vetiver, Bourb., bots.	lb.	10.50 -11.00
Walnut, crude, dms.	lb.	.10¼- .10½
refd., dms	lb.	.11¼@ .11½
Whale, refd., natural, dms.	lb.	.0710- .0730
winter, bleach., dms.	lb.	.0750- .0770
White mineral, dom., tech., 50-60 vis., dms.	gal.	.42 - .44
65-75 vis., dms.	gal.	.44 - .46
80-90 vis., dms.	gal.	.45 - .47
U.S.P., 80-90 vis., dms.	gal.	.54 - .56
95-105 vis., dms.	gal.	.63 - .65
125-135 vis., dms.	gal.	.75½- .77½
140-150 vis., dms.	gal.	.76½- .78½
175-185 vis., dms.	gal.	.78½- .80½
200-210 vis., dms.	gal.	.80 - .82
320-330 vis., dms.	gal.	.85½- .87½
335-345 vis., dms.	gal.	.87 - .89
Russian, 75-85 vis., dms.	gal.	.52 - —
145-155 vis., dms.	gal.	.74½- —
185-190 vis., dms.	gal.	.76½- —
275-285 vis., dms.	gal.	.80 - —
335-345 vis., dms.	gal.	.85 - —
Wintergreen, natural, North., cns.	lb.	4.00 - 8.00
South., cns.	lb.	2.35 - 2.75
synth. (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Wormseed, cns.	lb.	2.05 - 2.15
Wormwood, cns.	lb.	2.25 - 2.35
Ylang-ylang, Bourb., bots., cns.	lb.	2.50 - 6.00
Manila, bots.	lb.	26.00 -60.00
Opium, USP, cns.	lb.	11.50 -12.50
gran., cns.	lb.	12.50 -13.50
powd., cns.	lb.	12.50 -13.50
Orange, chrome (see Yellow, chrome).		
Lake, Persian, bbls.	lb.	.30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore and Wash.	lb.	.10¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.10¾- —
Colo., Mont., N. M., Wyo.	lb.	.10¼- —
Other points	lb.	.10 - —
Orange, mineral, Amer., bbls., smaller lots, dlvd. Ala., etc.	lb.	.10¾- —
Ariz., etc.	lb.	.11¼- —
Colo., Mont., N. M., Wyo.	lb.	.11 - —
Other points	lb.	.10¼- —
French Tours, cakes, ex dock	lb.	.17 - —
tgs., ex dock	lb.	.15¾- —
Peel, bitter, bls.	lb.	.08½- .09
Sweet, bls.	lb.	.09 - .10
Toner, bbls.	lb.	.75 - —
Orangeflower petals, cs.	lb.	.35 - .36
Orris root, Florentine, bgs.	lb.	.09 - .10
fingers, cs.	lb.	.95 - 1.00
powd., bbls., bxs.	lb.	.12 - .13
Verona, bls.	lb.	.08 - .09
powd., bxs., cs.	lb.	.11 - .12
Orthoanisidin, bbls.	lb.	.82 - .84
Orthochloroanilin, dms.	lb.	.60 - .75
Orthochlorophenol, dms.	lb.	.35 - .75
Orthocresol, dms.	lb.	.13 - .15
Orthodichlorobenzene, dms.	lb.	.06½- .11¼
Orthonitroanilin, dms.	lb.	.48 - .60
Orthonitrochlorobenzene, kgs.	lb.	.26 - .29
Orthonitroparachlorophenol, cns.	lb.	.70 - .75
Orthonitrophenol, kgs.	lb.	.85 - .90
Orthonitrotoluene, dms.	lb.	.07 - .10
Orthotoluene sulphonate, kgs.	lb.	2.00 - 2.05
Orthotoluidin, dms.	lb.	.14½- .15
Osage orange extract, cryst., bbls.	lb.	.17 - .19
liquid, 51°, bbls.	lb.	.07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works	lb.	3.50 - —
bots., cns., 1-50 lbs.	lb.	3.65 - 4.00

P

Papain, powd., cs.	lb.	1.20 - 1.25
Paprika, Hungarian, bgs.	lb.	.29 - .35
Spanish, extra fancy, cs.	lb.	.22½- .23
fair, bgs	lb.	.21½- .22
fancy, med., bgs.	lb.	.23 - .28
Para-aminoacetanilide, kgs.	lb.	.85 Nom.
Para-aminophenol, bgs., bbls.	lb.	1.05 - —
Hydrochloride, bbls.	lb.	1.25 - —
Para-amylphenol, tertiary, dms., l.c.l., works	lb.	.80 - —
Parachlorophenol, dms.	lb.	.30 - .45
Paracymene, rfd., dms.	gal.	.70 - 1.12½
Paradichlorobenzene, dms.	lb.	.10 - .20
kegs	lb.	.18 - .25
Paraffin, crude, scale, white 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼- .02¼
bbls., c.l., N.Y.	lb.	.02¼- .0280
124-126 A.m.p., bgs., c.l., Okla. refy.	lb.	.02¼- .02¼
bbls., c.l., N.Y.	lb.	.0280- .0285
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.02½ Nom.
fully rfd., slabs, 120-122 A.m.p., bgs., c.l.	lb.	No prices
123-125 A.m.p., bgs., c.l.	lb.	.0445- —
export, f.a.s. N. Y.	lb.	.0440- —
125-127 A.m.p., bgs., c.l.	lb.	.0455- —
export, f.a.s. N. Y.	lb.	.045½- —
128-130 A.m.p., bgs., c.l.	lb.	.0480- —
export, f.a.s. N. Y.	lb.	.04¾- —
130-132 A.m.p., bgs., c.l.	lb.	.0495- —
export, f.a.s. N. Y.	lb.	.0490- —
133-135 A.m.p., bgs., c.l.	lb.	.0555- —
export, f.a.s. N. Y.	lb.	.05½- —
135-137 A.m.p., bgs., c.l.	lb.	.0580- —
export, f.a.s. N. Y.	lb.	.05¾- —
138-140 A.m.p., bgs., c.l.	lb.	.0695- —
143-145 A.m.p., bgs., c.l.	lb.	.0790- —
Refined paraffin prices in cases are ½c. lb higher than bags price.		
match, A.m.p. up to and incl. 110-112, bbls., c.l.	lb.	.03 - —
semirfd., solid, 123-124 A.m.p., bgs.	lb.	.02¾- Nom.
Paraformaldehyde, kgs., 1,000 lbs.	lb.	.23 - —
100-lbs.	lb.	.29 - —
Paraldehyde, tech., dms., wks.	lb.	.16 - .18
USP, cbys.	lb.	.27 - .45
Paranitroanilin, kgs.	lb.	.47 - .48
Paranitrochlorobenzene, kgs.	lb.	.23½- .24
Paranitrophenol, kgs.	lb.	.25 - .27
Paranitrotoluene, kgs.	lb.	.26 - .27
Paraphenylenediamine, bbls.	lb.	1.25 - 1.30
Paratertiaryamylphenol, dms., 36,000 lbs., Wyandotte, Mich.	lb.	.52 - —
10,000 lbs., same basis	lb.	.55 - —
2,000 lbs., same basis	lb.	.60 - —
1,000 lbs., same basis	lb.	.50 - —
6 lbs., same basis	lb.	1.00 - —
1-5 lbs., same basis	lb.	2.00 - —
tanks, same basis	lb.	.31 - —
Paratoluenesulphonamide, bbls.	lb.	.78 - .79
Paratoluenesulphonanilide, bbls.	lb.	.55 - —
Paratoluidin, bbls.	lb.	.58 - .60
Pareira brava root, bls.	lb.	.13 - .14
Paris green, bxs., frt. all'd E. of Cleve.	lb.	.26 - .27
kgs., same basis	lb.	.22 - .24
kits, same basis	lb.	.26 - —
Passion flower herb, bls.	lb.	.07 - .09
Patchouli leaves, bls.	lb.	.18 - .19
Pellitory root, bls.	lb.	.16 - .17
Pennyroyal, bls.	lb.	.10 - .11
Pentane, norm., 28-38°, dms., c.l., G.S.	gal.	.10 - —
l.c.l., G.S.	gal.	.15 - —
tanks, G.S.	gal.	.09 - —
laboratory grade, dms., c.l., G.S.	gal.	.19 - —
l.c.l., G.S.	gal.	.25 - —
Pepper, black, Alleppy, bgs.	lb.	.10¼- .10¾
Lampong, bgs.	lb.	.05¼- .05¾
Tellicherry, bgs.	lb.	.10½- .11
Red, birdseye, new crop, bgs., afloat	lb.	.15 - .15½
old crop, bgs.	lb.	.13 - .13½
Japanese, 1, bgs.	lb.	.11¼- .11¾
Mombassa, bgs.	lb.	.13¼- .13¾
White, Borneo, bgs.	lb.	.10¾- .11
Java, Muntok, bgs.	lb.	.10¾- .11¼
Saigon, bgs.	lb.	.10 - .10½
Singapore, Muntok, bgs.	lb.	.10½- .11
Peppermint leaves, dom., bls.	lb.	.30 - .32
import., bls.	lb.	.50 - .60
Persian berry extract, bbls.	lb.	.50 Nom.
Peru balsam, dms.	lb.	1.10 - 1.15
Petrolatum, amber, dark, bbls., c.l.	lb.	.02¾- .03¾
light, bbls., c.l.	lb.	.03¼- .04¼
medium, bbls., c.l.	lb.	.03¾- .05¼
cream, bbls., c.l.	lb.	.05 - .05¼
green, dark, bbls., c.l.	lb.	.02¾- .03¾
red, bbls., c.l.	lb.	.03¾- .03¾
veterinary, bbls., c.l.	lb.	.03¾- .03¾
white, lily, bbls., c.l.	lb.	.04 - .04¼
snow, bbls., c.l.	lb.	.07 - .07¼

Petroleum, crude, bulk, at wells:—		
California:—		
Alamitos Heights	bbl.	.74 - .85
Athens	bbl.	.84 - 1.60
Belridge	bbl.	.70 - 1.32
Buena Vista Hills	bbl.	.70 - 1.38
Coalinga	bbl.	.70 - .90
Coyote Hills (West)	bbl.	.78 - 1.32
Domingues	bbl.	.70 - 1.04
East Coyote	bbl.	.76 - .96
Elk Hills	bbl.	.65 - 1.04
Elwood Terrace, f.o.b. ship.	bbl.	1.26 - 1.43
Huntington Beach	bbl.	.78 - 1.22
Inglewood	bbl.	.70 - 1.27
Kern Front	bbl.	.70 - —
Kern River	bbl.	.70 - —
Kettleman Hills	bbl.	1.19 - 1.43
La Habra	bbl.	.78 - .96
Lakeview	bbl.	.65 - 1.04
Lost Hills	bbl.	.70 - 1.32
McKittrick	bbl.	.70 - —
Midway - Sunset (except Lakeview)	bbl.	.70 - 1.38
Montebello	bbl.	.77 - 1.43
Mt. Poso	bbl.	.70 - —
Mountain View	bbl.	.70 - 1.20
Newhall	bbl.	.70 - —
Olinda Brea	bbl.	.76 - 1.27
Orcutt	bbl.	.70 - .95
Playa del Rey, f.o.b. pipe-line	bbl.	.80 - 1.16
Richfield	bbl.	.76 - 1.09
Rosecrans	bbl.	.84 - 1.66
Round Mt.	bbl.	.70 - —
Santa Fe Springs	bbl.	.78 - 1.43
Santa Paula	bbl.	.70 - 1.01
Seal Beach	bbl.	.79 - 1.19
Signal Hill	bbl.	.80 - 1.21
Torrence	bbl.	.80 - 1.05
Wheeler Ridge	bbl.	.70 - .88
Whittier	bbl.	.76 - .96
Canada:—		
Oil Springs	bbl.	2.17 - —
Petrolia	bbl.	2.10 - —
Central West:—		
Illinois	bbl.	1.23 - —
Lima	bbl.	1.25 - —
Midland (Mich.)	bbl.	.90 - —
Princeton	bbl.	1.13 - —
East Texas	bbl.	1.15 - —
Gulf Coast:—		
Barber's Hill	bbl.	.92 - 1.22
Batson	bbl.	.92 - 1.22
Conroe	bbl.	1.24 - 1.34
Dayton	bbl.	.92 - 1.22
Evangeline	bbl.	.92 - 1.22
Goose Creek	bbl.	.92 - 1.22
High Island	bbl.	.92 - 1.22
Hull	bbl.	.92 - 1.22
Humble	bbl.	.92 - 1.22
Liberty	bbl.	.92 - 1.22
Markham	bbl.	.92 - 1.22
Orange	bbl.	.92 - 1.22
Pettus	bbl.	1.26 - —
Pierce Junction	bbl.	.92 - 1.22
Port Lavaca	bbl.	.80 - —
Refugio, heavy	bbl.	.90 - —
light	bbl.	.92 - 1.22
Saratoga	bbl.	.92 - 1.22
Sour Lake	bbl.	.92 - 1.22
Spindle Top	bbl.	.92 - 1.22
Gulf Coast:—		
Sugarland	bbl.	.92 - 1.22
Terry	bbl.	.92 - 1.22
West Columbia	bbl.	.92 - 1.22
Kentucky, Tennessee:—		
Oil City, in Stell lines	bbl.	.100 - —
Somerset	bbl.	1.33 - 1.38
Western Kentucky, all gravities	bbl.	1.23 - —
Louisiana, Arkansas:—		
Bosco	bbl.	1.02 - —
Bull Bayou	bbl.	.71 - 1.06
Caddo	bbl.	.78 - 1.10
Cameron Meadows	bbl.	.83 - 1.13
Cotton Valley	bbl.	.78 - 1.10
De Soto	bbl.	.78 - 1.10
El Dorado	bbl.	.78 - 1.10
Haynesville	bbl.	.78 - 1.10
Homer	bbl.	.78 - 1.10
Iowa	bbl.	.72 - 1.03
Lockport	bbl.	.80 - 1.23
Miller County	bbl.	.78 - 1.10
Nevada	bbl.	.83 - —
Pine Island	bbl.	.94 - 1.08
Rodessa	bbl.	.78 - 1.10
Smackover	bbl.	.75 - .80
Urania	bbl.	.97 - —
Mexico, f.o.b. terminals, Mexican ports—based on contract:—		
Panuco	bbl.	1.03 - —
Tax, 12.365c. per bbl.		
Tuxpan	bbl.	No prices
Tax, 20.261c. per bbl.		
Midcontinent:—		
Corsicana	bbl.	.80 - —
North Texas	bbl.	.96 - 1.12
Oklahoma-Kansas	bbl.	.96 - 1.12
Pennsylvania, Ohio, West Virginia:—		
Bradford-Allegany	bbl.	2.45 - —
Corning	bbl.	1.42 - —
Pennsylvania grade, in Buckeye lines	bbl.	1.97 - —
Eureka lines	bbl.	2.12 - —
S.W. Penn lines	bbl.	2.17 - —
lower district in National Transit lines	bbl.	2.27 - 2.42
Rocky Mountain:—		
Big Muddy	bbl.	1.11 - —
Cat Creek	bbl.	1.07 - —
Elk Basin	bbl.	1.23 - —
Frannie, heavy	bbl.	.72 - —
light	bbl.	.78 - —
Grass Creek, heavy	bbl.	.72 - —
light	bbl.	1.23 - —
Greybull	bbl.	1.26 - —
Lance Creek	bbl.	.75 - —
Pendera	bbl.	1.06 - —
Rock Creek	bbl.	1.13 - —
Salt Creek	bbl.	.94 - 1.18
Sunburst	bbl.	1.15 - —
South, Central and Southwestern Texas:—		
Cass County	bbl.	.88 - 1.10
Darst Creek	bbl.	.97 - 1.03
Luling	bbl.	.93 - —
Lytton Springs	bbl.	1.00 - —
Mirando	bbl.	.97 - —
Panola County	bbl.	.84 - 1.00
Salt Flat	bbl.	1.02 - —
Sarget	bbl.	.93 - —
Tomball	bbl.	1.23 - —
Van	bbl.	.79 - 1.08
Texas Panhandle:—		
Carson-Hutchinson counties	bbl.	.91 - .93
Gray County	bbl.	.93 - .94
West Texas:—		
Artesia, N. M.	bbl.	.75 - —
Crane	bbl.	.75 - .90
Crockett	bbl.	.75 - .90
Hctor	bbl.	.75 - .90
Glasscock	bbl.	.75 - .90
Hobbs, N. M.	bbl.	.95 - —
Hogback	bbl.	1.21 - —
Howard	bbl.	.75 - .90
Jackson, N. M.	bbl.	.75 - —
Lea, N. M.	bbl.	.75 - .90
Maljamar, N. M.	bbl.	.75 - —
Mitchell	bbl.	.90 - —
Pecos	bbl.	.75 - .90
Upton	bbl.	.75 - .90
Winkler	bbl.	.93 - —

Oil Paraffin—Petroleum Thinner

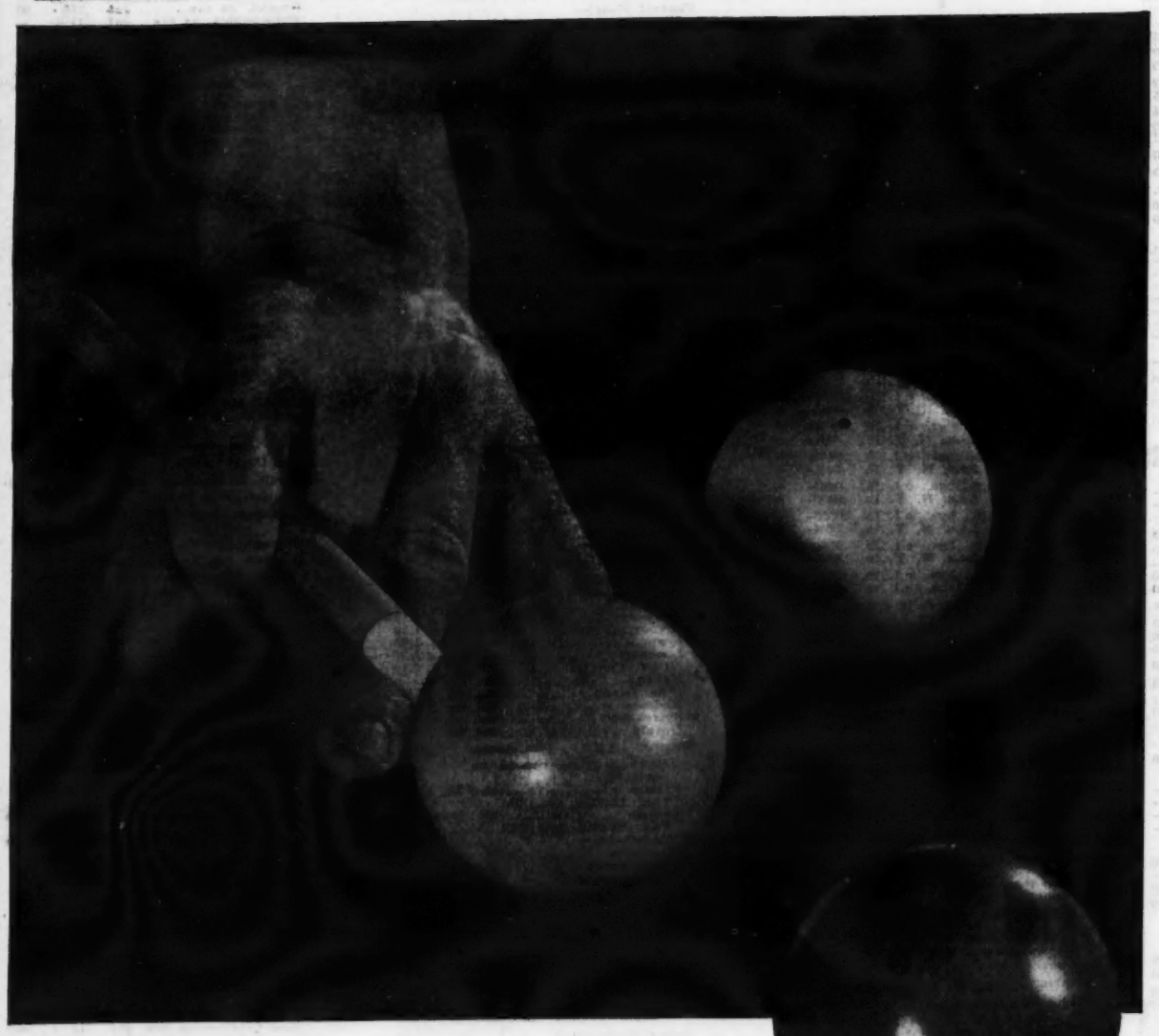
Petroleum, ether, 30-60°, dms., c.l., G.S.	gal.	.15 - —
l.c.l., G.S.	gal.	.17 - —
tanks, G-S	gal.	.13 - —
35-60°, dms., l.c.l., G.S.	gal.	.25 - —
40-75°, dms., c.l., G.S.	gal.	.15 - —
l.c.l., G.S.	gal.	.16 - —
tanks, G.S.	gal.	.13 - —
laboratory grade, dms., c.l., G.S.	gal.	.19 - —
l.c.l., G.S.	gal.	.25 - —
10-gal. lots, G.S.	gal.	.50 - —
Lacquer, diluent, at refinery:—		
California, 49-51, 257 l.b.p., 365 e.p., tanks	gal.	.13 - —
58-62, 160 l.b.p., 270 e.p., tanks, delvd. Los Angeles	gal.	.12½- —
San Francisco	gal.	.14 - —
f.o.b. Richmond	gal.	.14 - —
Willbridge, Ore.; Pt. Wells, Wash.	gal.	.14½- —
61-63, 149 l.b.p., 275 e.p., tanks	gal.	.15 - —
East Coast, tanks	gal.	.12 - .13½
drums	gal.	.19 - —
Group 3, tanks	gal.	.09½- .09½
Naphtha, cleaners, at refinery:—		
East Coast, tanks	gal.	.09½- —
Group 3, tanks	gal.	.07¾- .07½
tankwagon, Boston, ex-tax, gal.		.13 - —
Chicago, inc. 3c. tax	gal.	.155 - —
Decatur, inc. 3c. tax	gal.	.165 - —
Des Moines, inc. 3c. tax	gal.	.153 - —
Milwaukee, inc. 4c. tax, gal.		.193 - —
Minneapolis-St. Paul, inc. 3c. tax	gal.	.189 - —
Newark, ex tax	gal.	.11½- —
New York, ex tax	gal.	.11½- —
Omaha, ex tax	gal.	.180 - .20
Philadelphia, ex tax	gal.	.11½- —
St. Louis, ex tax	gal.	.133 - —
Syracuse, 150 gals.	gal.	.14 - —
smaller lots, galv. drums, gal.		.16 - —
milk cans	gal.	.21 - —
high solvency, aromatic, 8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J.	gal.	.17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald. nearest comp. pt.	gal.	.16½- —
60, same basis	gal.	.19½- .17
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equald. nearest comp. pt.	gal.	.16 - —
2, same basis	gal.	.18 - —
3, same basis	gal.	.16 - —
4, same basis	gal.	.19 - —
V.m.&p., at refinery:—		
California, 49.5, 255 l.b.p., 390 e.p., tanks, f.o.b. El Segundo	gal.	.12½- —
Richmond	gal.	.14 - —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.14½- —
54-57, 190 l.b.p., 310 e.p., tanks, delvd. Los Angeles	gal.	.12½- —
San Francisco	gal.	.13 - —
East Coast, tanks	gal.	.10 - —
Group, 3, tanks	gal.	.07¾- .07½
Pennsylvania, tanks	gal.	.07½- —
tankwagon, Boston, ex-tax, gal.		.13 - —
Chicago, inc. 3c. tax	gal.	.165 - —
Decatur, inc. 3c. tax	gal.	.185 - —
Des Moines, inc. 3c. tax	gal.	.183 - —
Milwaukee, inc. 4c. tax	gal.	.193 - —
Minneapolis-St. Paul, inc. 3c. tax	gal.	.189 - —
Newark, ex tax	gal.	.12½- —
New York, ex tax	gal.	.11½- —
Omaha, ex tax	gal.	.194 - .204
Philadelphia, ex tax	gal.	.13 - —
St. Louis, ex tax	gal.	.163 - —
Solvent, rubber, at refinery:—		
California, 60.2-63.5, 167 l.b.p., 230 e.p., tanks, inc. tax	gal.	.14 - —
62.3, 104 l.b.p., 293 e.p., tanks, inc. tax	gal.	.14 - —
East Coast, tanks	gal.	.09½- —
Group 2, light, 120 l.b.p., 250 e.p., tanks	gal.	.07¾- .07½
standard, 180 l.b.p., 286 e.p., tanks	gal.	.07¾- .07½
Stoddard (CS 3-26), at refinery):—		
East Coast, tanks	gal.	.09½- —
Group 3, tanks	gal.	.08¾- .07
tankwagon, Boston, ex tax, gal.		.12½- —
Chicago, inc. 3c. tax	gal.	.14 - —
Decatur, inc. 3c. tax	gal.	.17½- —
Des Moines, inc. 3c. tax	gal.	.173 - —
Milwaukee, inc. 4c. tax	gal.	.193 - —
Minneapolis-St. Paul, inc. 3c. tax	gal.	.164 - —
Newark, ex tax	gal.	.10½- —
New Orleans, ex tax	gal.	.11 - —
New York, ex tax	gal.	.10½- —
Omaha, ex tax	gal.	.14 - .15
Philadelphia, ex tax	gal.	.11¼- —
St. Louis, ex tax	gal.	.135 - —
Thinner, at refinery:—		
California, 35.5, 300 l.b.p., 413 e.p., low anilin, tanks, f.o.b. Los Angeles	gal.	.14 - —
Portland, Ore.	gal.	.15 - —
Richmond	gal.	.12½- —
Seattle, Wash.	gal.	.15½- —
42-44, 305 l.b.p., 410 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore.	gal.	.12½- —
Richmond	gal.	.12 - —
Southern Calif'nia	gal.	.11½- —
46.4, 190 l.b.p., 360 e.p., low anilin, tanks, f.o.b. Los Angeles	gal.	.13 - —
Portland, Ore.	gal.	.19 - —
Richmond	gal.	.17½- —
Seattle, Wash.	gal.	.19½- —
53, 200 l.b.p., 395 e.p., tanks, f.o.b. El Segundo	gal.	.12½- —
Portland, Ore.	gal.	.14½- —
Richmond	gal.	.14 - —
Seattle, Wash.	gal.	.14½- —
East Coast, 43-47, tanks	gal.	.09 - —
47-49, tanks	gal.	.09 - —
Group 3, tanks	gal.	.08¾- .08½
Pennsylvania, tanks	gal.	.08¾- —
tankwagon, tax included:—		
Albany	gal.	.185 - —
Baltimore	gal.	.12 - .15
Bingham, N. Y.	gal.	.14 - .16
Boston, 20,000 gals.	gal.	.12 - —
smaller lots	gal.	.13 - —
Bridgeport, Conn.	gal.	.13 - —
Buffalo	gal.	.14 - —
Camden, N. J.	gal.	.115 - .135
Chicago	gal.	.162 - —
Decatur, Ill.	gal.	.175 - —
Des Moines	gal.	.173 - —

Petroleum—Quinine Hydrochl.

Petroleum, thinner, tankwagon,			
Milwaukee	gal.	.188	- —
Minneapolis-St. Paul	gal.	.179	- —
Newark	gal.	.10½	- —
New York	lb.	.10½	- —
Omaha	gal.	.15½	- .16½
Philadelphia	gal.	.115	- .13
Pittsburgh	gal.	.12	- .14
Providence, 20,000 gals.	gal.	.12	- —
smaller lots	gal.	.13	- —
Rochester	gal.	.12	- .16
St. Louis	gal.	.142	- —
Syracuse	gal.	.14	- —
Trenton	gal.	.11½	- .13½
Wilmington	gal.	.15	- —
contracts, 1,000 gals.	gal.	.13	- —
Phenobarbital, bots.	lb.	4.50	- 4.85
Phenol, USP, dms., c.l. works, frt. equald.	lb.	.14½	- —
l.c.l., same basis	lb.	.15	- —
tins, c.l., same basis	lb.	.15½	- —
l.c.l., same basis	lb.	.16	- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs.	lb.	.65	- —
bbls., dms., kegs, 100-250 lbs.	lb.	.67	- —
yellow, bbls.	lb.	.60	- —
Phenyl chloride, dms.	lb.	.16	- —
Phenylacetaldehyde, bots.	lb.	4.85	- 5.20
Phenylhydrazin hydrochloride, CP, bots., works	lb.	2.50	- 2.10
commercial, kgs., works	lb.	2.50	- 2.50
pure, bots., works	lb.	2.95	- 3.25
Phlorogiucinol, CP, tins, works	lb.	20.00	-22.00
tech., tins, works	lb.	15.00	-16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines	long ton.	4.25	- —
land pebble, 68% min., bulk, mines	long ton.	1.85	- —
70% min., bulk, mines	long ton.	2.35	- —
72% min., bulk, mines	long ton.	2.85	- —
75% basis, 74% min., bulk mines	long ton.	3.35	- —
Tenn., 72%, bulk, mines	long ton.	4.50	- —
75%, bulk, mines	long ton.	5.50	- —
Phosphorus, red, cs.	lb.	.40	- .44
Yellow, cs.	lb.	.28	- .37½
Oxychloride, cyls.	lb.	.16	- .20
Sesquisulphide, cs.	lb.	.38	- .42
Trichloride, cyls.	lb.	.16	- .20
Pthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R.	lb.	.14½	- —
l.c.l., same basis	lb.	.15½	- —
Pichi leaves, bgs.	lb.	.08	- .10
Pilocarpine hydrochloride, bots., vis.	oz.	2.50	- 2.75
Nitrate, bots., vis.	oz.	2.40	- 2.65
Pimento, bgs.	lb.	.12¼	- .12½
Pinkroot, bls.	lb.	.34	- .36
Pitch, Burgundy (see B).			
Coaltar, 160° m.p., bbls., c.l., works	ton.	19.00	- —
l.c.l.	ton.	22.00	- —
Hardwood, 1-time, dm., c.l., divd. Akron	ton.	20.00	-21.00
f.o.b. works	ton.	15.00	- —
Linseed, dms.	lb.	.04½	- .05
Petroleum (see Asphaltum, Mexican, Texas).			
Pine, bbls.	bbl.	4.00	- 4.50
Stearin, dms.	lb.	.06	- .06½
Plaster of paris (see Gypsum).			
Pleurisy root, bls.	lb.	.12	- .18
Podophyllin, cns.	lb.	3.00	- 3.25
Poke root, bls.	lb.	.06½	- .07
Pomegranate bark, bgs.	lb.	.18	- .19
Root bark, bgs.	lb.	.40	- .41
Poppy flowers, red, bls.	lb.	.35	- .40
Seed, Dutch, bgs.	lb.	.06	- .06½
Hungarian, bgs.	lb.	.0640	-.0670
Polish, bgs.	lb.	.05¾	- .06¼
Potash acetate, USP, bbls., kgs.	lb.	.26	- .28
50% sol., bbls.	lb.	.08½	- .09
Bicarbonate, USP, cryst., bbls.	lb.	.09	- .18
gran., bbls.	lb.	.10	- .18
Bichromate, bbls.	lb.	.08¼	- .09
Binoxalate, dms.	lb.	.23	- —
Bisulphate, kgs.	lb.	.15½	- .18
Bromide, bbls.	lb.	.31	- .32
Carbonate, calc., 99-100%, cks.	lb.	.08½	- .09
96-96%, cks., c.l., Bost., Balto. arrival	lb.	.06¾	- —
l.c.l., 5 or over, same basis	lb.	.07½	- —
N. Y. arrival	lb.	.07½	- —
N. Y. stocks	lb.	.07½	- —
less than 5, Bost., Balto. arrival	lb.	.07¼	- —
N. Y. arrival	lb.	.07¾	- —
N. Y. stocks	lb.	.07¾	- —
80-85%, cks.	lb.	.07¼	- .07½
hydrated, 83-85%, bbls., c.l., works	lb.	.06	- —
l.c.l., 10 or over	lb.	.06¼	- —
1-9	lb.	.06¾	- —
liquid, dms., dlvd.	lb.	.03½	- .03¾
USP, gran., bbls.	lb.	.16	- —
powd., bbls.	lb.	.19	- —
Potash, caustic, flake, 88-92%, dom., dms., c.l., works.	lb.	.07	- —
l.c.l.	lb.	.07¼	- .07½
import., dms.	lb.	.07	- .07½
liquid, 45% basis, dms.	lb.	.03¼	- .03½
tanks	lb.	.02½	- —
solid, 88-92%, dom., dms., c.l., works.	lb.	.06¼	- —
l.c.l.	lb.	.06½	- .06¾
import., csks.	lb.	.06¼	- .06¾
Chlorate cryst., kgs.	lb.	.09¼	- .09½
gran., kgs.	lb.	.12	- .13
powd., kgs.	lb.	.08½	- .08¾
Chloride, tech., 98%, cryst., bbls.	lb.	.04	- .04½
Chromate, kgs.	lb.	.28	- .30
Citrate, USP, gran., bbls., 250 lbs.	lb.	.37	- —
kgs., 100 lbs.	lb.	.38	- —
cns., 50 lbs.	lb.	.39	- —
cns., 25 lbs.	lb.	.41	- .43
Cyanide, cns., dms.	lb.	.55	- .60
Glycerophosphate, 75% sol., cns., 100 lbs.	lb.	1.35	- 1.50
Guaiacolsulphonate, cns.	lb.	1.65	- 1.70
Hydroxide, USP, sticks, cns.	lb.	.86	- .87
Hypophosphite, cns.	lb.	.72	- .77
Iodate, bbls.	lb.	3.20	- 3.25
Iodide, bbls., fib. dms.	lb.	1.10	- 1.15
Kainit, high-grade, 20% K_2O, bulk, shipt.	unit-ton.	.55	- —
Manure salt, dom., 27-31%, bulk, c.i.f. ports	unit-ton.	.45	- —
run of mine, approx. 30% K_2O, bulk, c.i.f. ports	unit-ton.	.45	- —
import., 80% K_2O, bulk, shipt.	unit-ton.	.45	- —
Metabisulphite, kgs.	lb.	.13½	- —
Muriate, dom., all strengths, min. 50% K_2O, bulk	unit-ton.	.45	- —
import., all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports	unit-ton.	.45	- —
Potash muriate prices in bags are $2 ton higher than bulk price.			
Nitrate, crude, 95%, for fert. use, bulk, bgs., c.i.f. ports	ton.	45.00	-46.50
Oxalate, pure, cryst., kgs.	lb.	.30	- .31
tech., bbls.	lb.	.26	- .28
Perchlorate, kgs., works	lb.	.09	- .11
Permanganate, tech., dms.	lb.	.18½	- .19
USP, dms.	lb.	.18½	- .19
Prussiate, red, bbls.	lb.	.35	- .37
Yellow, bbls.	lb.	.18	- .19
Sulphate, NF, bbls.	lb.	.13	- .14
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports	ton.	33.75	- —
Vegetable, bulk, f.o.b. Balto.	ton.	19.97	Nom.
Xanthate, dms., c.l.	lb.	.13	- —
l.c.l.	lb.	.13½	- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt.	ton.	22.25	- —
Potash-titanium oxalate, kgs.	lb.	.33	- .35
Prickly ash bark, bls.	lb.	.13	- .14
Berries, bls.	lb.	.15	- .16
Prince's pine herb, bls.	lb.	.17½	- .18
Propane, tanks, G.3	gal.	.01½	- .04¾
cyls., 100 lbs., G.3	gal.	.40	- —
Psyllium seed (see Fleaseed).			
Pulsatilla, bls.	lb.	.15	- .16
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works	lb.	.03	- —
less than 3, works	lb.	.03½	- —
F and 1, bbls., 3 or over, works	lb.	.03½	- —
less than 3, works	lb.	.04	- —
0, 0½, 0¾, and ⅞, bbls., 0, 0-½, 0-¾, and ⅞, bbls., 3 or over, works	lb.	.04	- —
less than 3, works	lb.	.04½	- —
Ital.-grd., bgs., c.l., shipt., ex dock, N. Y.	ton.	33.00	- —
l.c.l., 5-20 tons, ex whse.	ton.	38.00	- —
1,000-10,000 lbs., ex whse.	ton.	39.00	- —
2 bgs. to 1,000 lbs., ex whse.	ton.	41.00	- —
single bgs., ex whse.	ton.	46.00	- —
Pumpkin seed, bgs.	lb.	.09	- .13
Purple lake (see Red).			
Putty, com'l, dms.	100 lbs.	3.00	- —
linseed oil, raw, dms.	100 lbs.	4.75	- —
refined, dms.	100 lbs.	5.25	- —
standard, dms.	100 lbs.	3.75	- —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) dms. (incl.) frt. alld. E. of Rockies, standard brand	gal.	4.25	- 4.60
standard make	gal.	4.25	- 4.60
outside brands	gal.	3.75	- —
basis 3.6% pyrethrins, dms. (incl.) frt. alld. E. of Rockies, standard brand.	gal.	6.25	- 6.60
Pyrethrum flowers, Japan, 1935 crop, bls. 10 tons or over, ex whse. N. Y.	lb.	.0740	- —
afloat	lb.	.0740	- —
1936 crop, basis 0.90% pyrethrins (Gnadinger test), bls. 15 tons or over, c.i.f. N. Y., July-Dec.	lb.	.0715	- —
coarse, grnd. (g.f.p.), Japan, bgs., 15 tons or over	lb.	.11½	- —
fine powd., Dalmat., bbls., kgs.	lb.	.16	- .17
Japan, bbls., 5 tons	lb.	.14	- —
Pyridin, denatering, dms.	gal.	1.20	- —
refd., 2°, dms.	lb.	.40	- —
Pyrites, Spanish, bulk, c.i.f. Atl. ports	unit-ton.	.12	- .13
Pyrocatechin, CP, cryst., works, fib. dms., tins	lb.	2.15	- 2.40
resublimed, 2lb. dms., tins.	lb.	4.00	- —

Q

Quassia, chips, bls.	lb.	.06	- .07
Quebracho extract, liquid, 25% tan., bbls., works	lb.	.06½	- —
tanks, works	lb.	.02½	- —
solid, 63%, bgs., c.l., ex dock, plus duty	lb.	.03½	- —
clarified, 64%, bgs., c.l., same basis	lb.	.03½	- —
Queen of the meadow, bgs.	lb.	.06	- .07
Root, bgs.	lb.	.06	- .07
Quercitron, extract, liquid, 51°, bbls.	lb.	.09	- .09
solid, dms.	lb.	.10	- .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y.	flask.	75.00	-76.00
Quince seed, bgs.	lb.	48	- 1.50
Quinidine, cryst., cns.	oz.	.91	- .98
Sulphate, cns.	oz.	.67	- —
Quinine, cns.	oz.	.74	- —
Acetate, cns.	oz.	.98	- —
Arsenate, cns.	oz.	.98	- —
Arsenite, cns.	oz.	1.00	- —
Bisulphate, cns.	oz.	.53	- —
Citrate, cns.	oz.	.71	- —
Dihydrobromide, bots.	oz.	.74	- —
Dihydrochloride, bots.	oz.	.74	- —
Ethylcarbonate, cns.	oz.	.74	- —
Ferrocyanide, cns.	oz.	1.00	- —
Formate, cns.	oz.	.93	- —
Glycerophosphate, cns.	oz.	1.13	- —
Hydrochloride, cns.	oz.	.66½	- —



PRECISION

IT looks like an easy shot, but there is plenty of room for a miss unless it is skilfully played. Good judgment and precise execution are sure to win over carelessness every time.

The paint manufacturer who uses Krebs pigments shows excellent judgment, for precision counts in the paint industry too. The quality of Krebs products is always uniform and affords the precise control which is so necessary in executing the formula for a high-grade paint.

It will pay you to take advantage of our intimate knowledge of pigment problems. We can supply you with the right pigments for any formula from our complete selection of fine white pigments and chemical dry colors. When you need a quality titanium product, order "Ti-Bar," "Ti-Cal," or Krebs Titanium Dioxide. Consult our technical representative about your own pigment problems.

KREBS
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PIGMENTS
WHITE PIGMENTS AND CHEMICAL DRY COLORS
KREBS PIGMENT & COLOR CORP.
1007 Market Street, Wilmington, Del.

Quinine, hydrochlorosulphate, cns. oz. .74 - —
Hydroiodide, cns. oz. .98 - —
Hypophosphite, cns. oz. .98 - —
Phosphate, cns. oz. .81 - —
Salicylate, cns. oz. .72 - —
Sulphate, cns. oz. .53 - —
Sulphocarbolate, cns. oz. .90 - —
Tannate, cns. oz. .57 - —
Tartrate, cns. oz. .96 - —
Valerate, cns. oz. .92 - —
Quinine-urea hydrochloride, cns. oz. .74 - —

R

R salt, bbls. lb. .52 - .57
Rapeseed, Belgian, bgs. lb. .04½- .05
Dutch, bgs. lb. .05½- .06
Japanese, bgs. lb. .04½- .04¾
Raspberries, dried, bbls. lb. .40 - .45
Red, alizarin lake, bbls., divd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. 1.10 - —
Alizarin lake prices are ½c. higher divd. Ala., Fla., Ga., La. (Shreveport 1½c.), Miss., N.C., S.C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher divd. Pac. coast; 1½c. higher divd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices f.o.b. Chicago.
Amaranth (see Red, maroon, lake).
Cadmium, lithopones, deep shade, bbls., ton lots, works, frt. alld. lb. .80 - —
smaller lots, same basis. lb. .85 - —
kgs., ton lots, same basis. lb. .85 - —
smaller lots, same basis. lb. .90 - —
light shade, bbls., ton lots, same basis. lb. .65 - —
smaller lots, same basis. lb. .70 - —
kgs., ton lots, same basis. lb. .70 - —
smaller lots, same basis. lb. .75 - —
light-medium shade, bbls., ton lots, same basis. lb. .70 - —
smaller lots, same basis. lb. .75 - —
kgs., ton lots, same basis. lb. .75 - —
smaller lots, same basis. lb. .80 - —
maroon shade, bbls., ton lots, same basis. lb. .90 - —
smaller lots, same basis. lb. .95 - —
kgs., ton lots, same basis. lb. .95 - —
smaller lots, same basis. lb. 1.00 - —
medium shade, bbls., ton lots, same basis. lb. .75 - —
smaller lots, same basis. lb. .80 - —
kgs., ton lots, same basis. lb. .80 - —
smaller lots, same basis. lb. .85 - —
Selenide, bbls., c.l., works. lb. 2.00 - —
l.c.l., works. lb. 2.50 - —
Orange, bbls., c.l., works. lb. 1.50 - —
l.c.l., works. lb. 1.75 - —
Carmine 40, cns., 300 lbs. lb. 4.00 - —
100 lbs. lb. 4.15 - —
11 lbs. lb. 4.40 - —
Crocus martis (see Red, purple oxide).
Eosin, kgs. lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y. lb. .03½- —
80%-85%, bbls., same basis. lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts. lb. 1.25 - —
open order. lb. 1.50 - —
Lithol toner, bbls., same basis alizarin lake, contracts. lb. .75 - —
open order. lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake. lb. 1.65 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. lb. 1.19 - —
Metallic, bbls., Pa., works. lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works. lb. .06¼- —
l.c.l., works. lb. .06¾- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y. lb. .08¼- —
80% copperas oxide, bbls., same basis. lb. .07¾- —
Para toner, concent., kgs., same basis alizarin lake, contracts. lb. .75 - —
open order. lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y. lb. .04½- —
ex whse., Chicago, St. Louis. lb. .04½- —
San Fran., Los Ang., Portland, Seattle. lb. .05 - —
Purple lake, kgs. lb. .80 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis. lb. .08 - —
Toner, kgs. lb. 1.50 - 2.00
Rose lake, bbls. lb. .20 - .30
Pink, bbls. lb. .15 - .25
Scarlet ink toner, kgs., same basis alizarin lake. lb. .45 - —
Lake, kgs., same basis alizarin lake. lb. .25 - .35
Spanish oxide, 1, bbls., c.l., f.o.b. N.Y., Pa., ship. pt. or ex dock N. Orleans, Phila. lb. .03½- —
f.o.b. St. Louis. lb. .03¾- —
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila. lb. .03¾- —
St. Louis. lb. .04 - —
ex dock or ex whse., San Fran., Los Ang., Port., Seat. lb. .04½- —
ex whse., Chgo. Cleve., Pgh. lb. .04¼- —
2, bbls., c.l., f.o.b. N.Y., Pa., ship. pt. or ex dock N. Orleans, Phila. lb. .02¾- —
f.o.b. St. Louis. lb. .03 - —
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila. lb. .03 - —
St. Louis. lb. .03¼- —
ex dock or ex whse., San Fran., Los Ang., Port., Seat. lb. .03¾- —
ex whse., Chgo. Cleve., Pgh. lb. .03½- —
Red, Spanish oxide, 3, bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila. lb. .0265- —
f.o.b. St. Louis. lb. .0290- —
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, N.Y., Phila. lb. .0290- —
St. Louis. lb. .0315- —
ex dock or ex whse., San Fran., Los Ang., Port., Seat. lb. .03⅜- —
ex whse., Chgo., Cleve., Pgh. lb. .0340- —
Toluidin toner, kgs., same basis alizarin lake. lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N.Y., E. St. Louis. lb. .23½- —
2, bbls., same basis. lb. .30½- —
3, bbls., same basis. lb. .22½- —
4, bbls., same basis. lb. .22½- —
5, bbls., same basis. lb. .24 - —
6, bbls., same basis. lb. .24 - —
7, bbls., same basis. lb. .24 - —
8, bbls., same basis. lb. .25 - —
9, bbls., same basis. lb. .21½- —
10, bbls., same basis. lb. .18½- —
Venetian, bbls., works. lb. .0190- —
10%, bbls., works. lb. .0215- —
12%, bbls., works. lb. .02½- —
20%, bbls., works. lb. .02½- —
25%, bbls., works. lb. .02¾- —
30%, bbls., works. lb. .03 - —
35%, bbls., works. lb. .0335- —
40%, bbls., works. lb. .03¾- —
Vermilion, American, bbls., same basis alizarin lake. lb. .15 - —
English quicksilver, bbls., 500-lbs. lb. 1.59 - —
smaller lots. lb. 1.60 - 1.75
Red dyes are listed under Dyes.
Red precipitate, bms., 25 lb. dms., kgs., 100-lbs. lb. 1.44 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., cns., works. lb. .75 - .80
USP, cryst., cns., kgs., works. lb. 1.50 - 1.65
Rhatany root, bgs. lb. .09 - .10
Rhodinol, bots. lb. 5.75 - 9.00
Rhubarb, root, bbls., cs., kgs. lb. .30 - .31
powd., bbls., kgs. lb. .34 - .35
Rochelle salt, cryst., bbls. lb. .14 - —
powd., bbls. lb. .13 - —
Rose flowers, pale, bls. lb. .14 - .15
Red, bls. lb. 1.55 - 1.60
Water, triple. djn. 4.75 - 5.00
Rosemary flowers, bls. lb. .35 - .40
Leaves, bls. lb. .05 - .05½
Rosin, gum, B, bbls., ex dock. 280 lbs. 5.25 - —
D, bbls. 280 lbs. 5.80 - —
E, bbls. 280 lbs. 5.80 - —
F, bbls. 280 lbs. 6.00 - —
G, bbls. 280 lbs. 6.00 - —
H, bbls. 280 lbs. 6.00 - —
I, bbls. 280 lbs. 6.00 - —
K, bbls. 280 lbs. 6.05 - —
M, bbls. 280 lbs. 6.05 - —
N, bbls. 280 lbs. 6.15 - —
W. G., bbls. 280 lbs. 6.25 - —
W. W., bbls. 280 lbs. 6.35 - —
X, bbls. 280 lbs. 6.40 - —
Rosin, wood, F.F., bbls., spot. 280 lbs. 5.42 - 6.45
works 280 lbs. 4.70 - —
I, bbls., spot. 280 lbs. 5.47 - 6.50
works 280 lbs. 4.45 - —
M, bbls., spot. 280 lbs. 5.57 - 6.60
works 280 lbs. 4.55 - —
N, bbls., spot. 280 lbs. 5.67 - 6.90
works 280 lbs. 4.95 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines. ton.35.00 - —
l.c.l., ex whse. ton.50.00 - —
Import., lump, bbls. lb. .12 - —
powd., bbls. lb. .06½- .10
Rue, bls. lb. .21 - .23

S

Sabadilla seed, powd., bbls. lb. .21 - .22
Saccharin, cns., 1,000 lbs. lb. 1.70 - —
smaller lots. lb. 1.75 - 1.90
Safflower, bls. lb. .23 - .25
Saffron, Mexican, bls. lb. .50 - .55
Spanish, tins. lb. 11.25 - 11.50
Safrol, cns. lb. .07 - —
dms. lb. .54 - —
Sage leaves, Dalmat., fancy, bls. lb. .07 - .07½
stemless, bls. lb. .06½- .06½
Sage flour, bgs. lb. .03¾- .03¾
Salicin, cns. lb. 4.00 - 4.25
Salol, kgs. lb. .90 - .95
Salt, reclaimed, bgs., c.l., dlvd., N.Y. ton.13.40 - —
vacuum, common, fine, bgs., c.l., dlvd. N.Y. ton.14.08 - 14.58
l.c.l., dlvd. N.Y. ton.17.00 - —
Saltcake, grd., dom., bbls., works. ton.19.00 - 23.00
bulk, works. ton.12.00 - 16.00
import, bulk, c.i.f. ton.12.00 - 12.50
Chrome (see Chrome cake).
Saltpeter, crude (see Potash nitrate).
dbl. refined, cryst., bbls., 25 to c.l. 100 lbs. 6.90 - 7.65
5-24 100 lbs. 7.00 - 7.75
1-4 100 lbs. 7.25 - 8.00
gran., bbls., 25 to c.l. 100 lbs. 5.90 - —
5-24 100 lbs. 6.00 - —
1-4 100 lbs. 6.25 - —
powd., bbls., 25 to c.l. 100 lbs. 6.90 - —
5-24 100 lbs. 7.00 - —
1-4 100 lbs. 7.25 - —
Santonin, cryst., cns. lb. 43.00 - 45.00
Saponin, cns. lb. 1.45 - 1.50
Sarsaparilla root, Honduras, bls. lb. .45 - .50
Mexican, bls. lb. .11 - .12
Sassafras bark, ord., bls. lb. .11 - .12
select, bls. lb. .19 - .21
Savory, bls. lb. .07 - .07½
Saw palmetto berries, bgs. lb. .18 - .20
Scammony root, bgs. lb. .06 - .07
Schaeffer's salt, bgs. lb. .46 - .50
Seidlitz mixture, bbls. lb. .11½- —
kegs lb. .11¾- —
Senega root, bls. lb. .35 - .36
Senna leaves, Alexandria, bls. lb. .09 - .15
Tinnevelly, No. 1, bls. lb. .11 - .13
2, bls. lb. .07½- .08
3, bls. lb. .06½- .06
powd., bbls., bxs. lb. .09 - .10
siftings, bls. lb. .09 - .10
Pods, bls. lb. .06 - .07
Serpentaria root, bls. lb. .45 - .46
Shellac, bleached, bonedry, bbls., f.o.b. N.Y. lb. .19 - .20
dlvd. Boston lb. .19½- .20½
Chicago lb. .20 - .21
Pacific Coast lb. .22 - .23
refd., bbls., f.o.b. N.Y. lb. .27 - —
dlvd. Boston lb. .27½- —
Chicago lb. .28 - —
Pacific Coast lb. .30 - —
Garnet, bxs. lb. .16 - .17
Shellac, orange, D.C., VSO., Diamond, cases. lb. .25 - .26
superfine, bgs., f.o.b. Bost., N.Y. lb. .15½- .16
dlvd. Chicago lb. .16½- .17
Pacific Coast lb. .18½- .19
T.N., bgs., f.o.b. Bost., N.Y. lb. .14½- .15
dlvd. Chicago lb. .15½- .16
Pacific Coast lb. .17½- .18
Varnish, orange, 5-lb. cut, bbls. lb. .90 - 1.05
4½-lb. cut., bbls. gal. .85 - 1.00
4-lb. cut, bbls. gal. .80 - .95
white, 5-lb. cut, bbls. gal. 1.05 - 1.20
4½-lb. cut, bbls. gal. 1.00 - 1.15
4-lb. cut bbls. gal. .95 - 1.10
Silica, amorph., dry-grd., 95-97% 325 mesh, bgs., c.l., works. ton.20.00 - —
l.c.l., 2½ tons, works. ton.21.50 - —
smaller lots, works. ton.23.00 - —
95-97% 400 mesh, bgs., c.l., works. ton.33.00 - —
l.c.l., 2½ tons, works. ton.36.50 - —
smaller lots, works. ton.38.00 - —
wet-grd., 95-97% 325 mesh, bgs., c.l., works. ton.21.00 - —
l.c.l., 2½ tons, works. ton.22.50 - —
smaller lots, works. ton.24.00 - —
95-98% 325 mesh, bgs., c.l., works. ton.22.00 - —
l.c.l., 2½ tons, works. ton.23.50 - —
smaller lots, works. ton.25.00 - —
99% 325 mesh, bgs., c.l., works. ton.24.00 - —
l.c.l., 2½ tons, works. ton.25.50 - —
smaller lots. ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works. ton.14.00 - —
l.c.l., works. ton.17.00 - —
Silver, bullion. oz. .44¾- —
Govt. purchase. oz. .7757- —
Nitrate, vis. oz. .32%- .34¾
Nucleinate, cns., 500 ozs. oz. .35 - .36
Proteinate, cns., 500 ozs. oz. .34 - .35
Simarubra bark, bls. lb. .30 - .32
Skatol, bots. oz. 4.00 - 10.00
Skullcap, Eastern, bls. lb. .16 - .17
Western, bls. lb. .14 - .15
Skunk cabbage root, bls. lb. .11 - .12
Slate flour, bgs., c.l., works. ton. 9.00 - —
l.c.l., works. ton.10.00 - 15.00
Sloe berries, bgs. lb. .09½- .10
Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls. lb. .06½- .07
Snakeroot, Canad., bls. lb. .24 - .26
Soapbark, bls. lb. .07 - .08
crushed, bls., bbls. lb. .11 - .12
cut, bls., bbls. lb. .09 - .10
powd., bbls. lb. .13 - .14
Soda abietate, dms. lb. .08 - —
Acetate, anhyd., dms. lb. .09½- .12
flake, 60%, dms. lb. .04½- .07
Alginate, dms. lb. .04 - —
Antimoniate, bbls. lb. .12%- .13½
Arsenate, dms. lb. .09¼- .11½
Arsenite, liq., dms. lb. .40 - .75
Ash, dense, 58%, bgs., c.l., works. 100 lbs. 1.25 - —
l.c.l., Zone 1. 100 lbs. 2.13 - —
1A 100 lbs. 2.18 - —
2 100 lbs. 2.28 - —
3 100 lbs. 2.33 - —
4 100 lbs. 2.93 - —
5 100 lbs. 2.20 - —
bbls., c.l., works. 100 lbs. 1.50 - —
l.c.l., Zone 1. 100 lbs. 2.37 - —
1A 100 lbs. 2.42 - —
2 100 lbs. 2.52 - —
3 100 lbs. 2.77 - —
4 100 lbs. 3.17 - —
5 100 lbs. 2.47 - —
bulk, c.l., works. 100 lbs. 1.10 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.23 - —
l.c.l., Zone 1. 100 lbs. 2.08 - —
1A 100 lbs. 2.13 - —
2 100 lbs. 2.23 - —
3 100 lbs. 2.48 - —
4 100 lbs. 2.88 - —
5 100 lbs. 2.20 - —
bbls., c.l. 100 lbs. 1.60 - —
l.c.l., Zone 1. 100 lbs. 2.47 - —
1A 100 lbs. 2.52 - —
2 100 lbs. 2.62 - —
3 100 lbs. 2.87 - —
4 100 lbs. 3.27 - —
5 100 lbs. 2.57 - —
bulk, c.l. 100 lbs. 1.06 - —
lt. ht, 58%, bgs., c.l., works. 100 lbs. 1.20 - 1.28
l.c.l., Zone 1. 100 lbs. 2.08 - —
1A 100 lbs. 2.13 - —
2 100 lbs. 2.23 - —
3 100 lbs. 2.48 - —
4 100 lbs. 2.88 - —
5 100 lbs. 2.20 - —
bbls., c.l., works. 100 lbs. 1.50 - —
l.c.l., Zone 1. 100 lbs. 2.37 - —
1A 100 lbs. 2.42 - —
2 100 lbs. 2.52 - —
3 100 lbs. 2.77 - —
4 100 lbs. 3.17 - —
5 100 lbs. 2.47 - —
bulk, c.l. 100 lbs. 1.06 - —

Soda ash l.c.l. prices are for 5 or more pkgs. of one sort, dlvd. usual trucking distance of whse., or f.o.b. cars whse. pt.; less than 5 pkgs., add 15c. per 100 lbs.; ex-whse., deduct 10c. per 100 lbs. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky.; Zone 1A, N. E. States (in Me., N.H., Vt., special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ariz., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane)

Benzoate, USP, kgs. lb. .46 - .50
Bicarbonate, gran., bbls., c.l., works. 100 lbs. 2.25 - —
powd., bbls., c.l., works. 100 lbs. 1.85 - —
l.c.l., dlvd. N.Y. 100 lbs. 2.55 - —
kgs., c.l. 100 lbs. 2.10 - —
l.c.l., dlvd. N.Y. 100 lbs. 2.80 - —
Bichromate, cake. lb. .06½- .07
Difluoride, bbls. lb. .11½- .12
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works. 100 lbs. 2.25 - 2.35
l.c.l., works. 100 lbs. 2.50 - 2.60
solution, 35-40%, cbys., c.l., works. 100 lbs. 1.95 - 2.10
Bromide, bbls. lb. .31 - .32
Cacodylate, jars. lb. 6.50 - 6.75
Carbonate (see Soda ash, soda monohydrated, soda, sal).
Caustic, flake, 76%, grd., powd., ammon. process, bbls., c.l., works. 100 lbs. 3.25 - —
dms., c.l., works. 100 lbs. 3.60 - —
l.c.l., Zone 1. 100 lbs. 4.00 - —
1A 100 lbs. 4.05 - —
2 100 lbs. 4.15 - —
3 100 lbs. 4.40 - —
4 100 lbs. 4.60 - —
5 100 lbs. 4.05 - —

Quinine—Soda Sulphate

Soda caustic, flake, 76%, grd., powd., electro. process, dms., c.l., works. 100 lbs. 2.95 - —
l.c.l., same zone prices as ammon. process.
liquid, 47-49%, buyer's tanks, works. 100 lbs. 2.22½- —
seller's tanks, works. 100 lbs. 2.25 - —
70%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works. 100 lbs. 2.30 - —
solid, 76%, ammon. process, dms., c.l., works. 100 lbs. 2.60 - —
l.c.l., Zone 1. 100 lbs. 3.60 - —
1A 100 lbs. 3.65 - —
2 100 lbs. 3.75 - —
3 100 lbs. 4.00 - —
4 100 lbs. 4.40 - —
5 100 lbs. 3.65 - —
electro process, dms., c.l., works. 100 lbs. 2.85 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works. lb. .06¼- —
l.c.l., works. lb. .06½- .09
powd., bgs., c.l., works. lb. .06¾- —
l.c.l., works. lb. .07 - .09½
Citrate, USP VIII, gran., bbls., 225 lbs. lb. .33 - —
cns., 50 lbs. lb. .35 - —
25 lbs. lb. .37 - .38
kgs., 100 lbs. lb. .34 - —
USP X, gran., bbls., 250 lbs. lb. .32½- —
cns., 50 lbs. lb. .31½- —
25 lbs. lb. .32½- .34½
kgs., 100 lbs. lb. .30¼- —
powd., bbls., 250 lbs. lb. .30 - —
cns., 50 lbs. lb. .32 - —
25 lbs. lb. .34 - .36
kgs., 100 lbs. lb. .31 - —
Cyanide, 96-98%, dom., dms. lb. .15½- .17½
Import., cs. lb. .16¾- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila. lb. .07½- —
l.c.l., 10 or over, same basis. lb. .07¾- —
5-9, same basis. lb. .08 - —
1-4, same basis. lb. .08¼- —
95%, bbls., c.l., same basis. lb. .07¼- —
l.c.l., 10 or over, same basis. lb. .08 - —
5-9, same basis. lb. .08¼- —
1-4, same basis. lb. .08¾- —
Soda fluoride prices at Los Angeles are f.o.b. Phila.
Glycerophosphate, cryst., bbls., cns., 100 lbs. lb. 1.15 - —
solution, 75%, cns. lb. .90 - —
50%, cns. lb. .55 - —
Hydrosulphite, bbls. lb. .17 - —
Hydroxide, USP, sticks, cns., 100 lbs. lb. .32 - .34
Hypophosphite, cns. lb. .67 - .72
Hyposulphite, cryst., large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls. 100 lbs. 2.60 - 2.85
gran., bbls. 100 lbs. 2.75 - 3.20
Iodate, jars. lb. 5.02 - 5.07
Iodide, jars. lb. 1.90 - 1.95
Metanilate, kgs. lb. .41 - .42
Metasilicate, cryst., bbls., c.l., works. 100 lbs. 2.90 - —
l.c.l., dlvd. 100 lbs. 3.50 - 3.95
gran., bbls., c.l., works. 100 lbs. 2.50 - —
l.c.l. dlvd. 100 lbs. 2.75 - 3.00
Molybdate, tech., anhyd., kgs., lb. .75 - .80
cryst., kgs. lb. .65 - .70
Monohydrated, bbls. 100 lbs. 2.60 - —
works 100 lbs. 2.30 - —
Naphthenate, bbls. lb. .09 - —
Naphthionate, bbls lb. .53 - .54
Nitrate, crude, 100 lb.-bgs. June dlvy, fert. mfrs. indust. buyers, ports. ton.26.50 - —
200 lb.-bgs., same basis. ton.25.80 - —
bulk, same basis. ton.24.50 - —
rfd., gran., bbls. 100 lbs. 2.25 - —
powd., bbls. lb. .05½- —
Nitrite, 96-98%, dom., bbls., c.l. lb. .0710-.0750
l.c.l. lb. .0825-.1375
Oxalate, neut., bbls., kgs. lb. .09 - .11
Perborate, NF, bbls. lb. .17 - .19
Phosphate, dibasic, tech., bgs., c.l., E. works. 100 lbs. 1.90 - —
l.c.l., E. works. 100 lbs. 2.15 - —
bbls., c.l., E. works. 100 lbs. 2.10 - —
l.c.l., E. works. 100 lbs. 2.35 - —
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. 100 lbs. 8.25 - —
Tribasic, bgs., c.l. dlvd. E. 100 lbs. 2.00 - —
l.c.l., 2,500 lbs. or over, 100 lbs. 2.40 - —
less than 2,500 lbs. 100 lbs. 2.80 - —
bbls., c.l. dlvd E. 100 lbs. 2.20 - —
l.c.l., 2,500 lbs. or over.. 100 lbs. 2.60 - —
less than 2,500 lbs. 100 lbs. 3.00 - —
kgs., c.l. dlvd E. 100 lbs. 2.70 - —
l.c.l., 2,500 lbs. or over. 100 lbs. 3.10 - —
less than 2,500 lbs. 100 lbs. 3.50 - —

Soda phosphate, tribasic, prices in West are 15c. to 25c. per 100 lbs. higher, depending on location
Picramate, kgs. lb. .67 - .69
Prussiate, yellow, dom., bbls., works, contracts. lb. .11¼- —
prompt shipmt. lb. .12 - .13
import, cks., contracts. lb. .11¼- —
prompt shipmt., cks. lb. .12 - —
Pyrophosphate, anhyd., bbls. lb. .10 - —
cryst., bbls. lb. .06¾- —
Sal, bgs. dlvd. N.Y. 100 lbs. 1.20 - —
works 100 lbs. 1.00 - —
bbls., dlvd. N.Y. 100 lbs. 1.30 - —
works 100 lbs. 1.10 - —
Salicylate, bxs. lb. .47 - —
Silicate, 40° turbid, dms., c.l., works. 100 lbs. .80 - —
l.c.l., 5 or more, works. 100 lbs. 1.05 - —
1-4, works. 100 lbs. 1.20 - —
52°, dms., c.l., works. 100 lbs. 1.35 - —
l.c.l., 5 or more, works. 100 lbs. 1.60 - —
1-4, works. 100 lbs. 1.75 - —
Silicofluoride, dom., bbls. lb. .06¼- .06¾
import., bbls. lb. .06¾- .07¾
Stannate, dms. lb. .28½- .31½
Stearate, lump, bbls., works. lb. .20 - —
powd., bbls., works. lb. .22 - —
Sulphate, anhyd., bgs., 5 tons or over, dlvd. Bost., N.Y., Phila., Sreese, or f.o.b. Bost., Jersey City, N.Y., Norfolk, Phila., or frt. equald. 100 lbs. 1.15 - —
less than 5 tons, same basis. 100 lbs. 1.40 - —
bbls., 5 tons or over, same basis. 100 lbs. 1.30 - —
less than 5 tons, same basis. 100 lbs. 1.55 - —
cryst. (see Glauber's salt).

Soda Sulphide—Toluol

Soda sulphide, cryst., bbls., c.l., sulphide, cryst., bbls., c.l., works	100 lbs.	2.25	—
l.c.l., 5 tons or over, dlvd.	100 lbs.	2.75	—
less than 5 tons, dlvd..	100 lbs.	3.00	—
Sake, chips, broken, bbls., c.l. works	100 lbs.	3.50	—
l.c.l., 5 tons or over, dlvd.	100 lbs.	4.00	—
less than 5 tons, dlvd...	100 lbs.	4.25	—
solid, bbls., c.l., works	100 lbs.	3.00	—
l.c.l., 5 tons or over, dlvd.	100 lbs.	3.50	—
less than 5 tons, dlvd...	100 lbs.	3.75	—
Sulphite, cryst., bgs.	100 lbs.	2.10	- 2.35
bbls.	100 lbs.	2.30	- 2.55
powd., bbls., c.l.	100 lbs.	5.25	—
l.c.l., 5 or more	100 lbs.	5.50	—
1-4	100 lbs.	6.00	—
Sulphocarbolate, cs.	lb.	.27	- .2b
Sulphocyanide, dms., cns.	lb.	.28	- .47
Sulphoricinoleate, bbls.	lb.	.12	—
Tungstate, CP, kgs.	lb.	1.30	- 1.40
tech., kgs.	lb.	.35	- .50
Solvent naphtha, high-flash, dms., works, frt. equald.	gal.	.26	—
tanks, same basis	gal.	.31	—
Water-white, dms., works, gal.		.35	—
tanks, E. of Omaha, frt. alld.	gal.	.30	—
W. of Omaha, works.	gal.	.30	—
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works.	lb.	.25	—
Sparteine sulphate, cns.	oz.	1.10	- 1.15
Spearmint leaves, bls.	lb.	.23	- .25
Spikenard root, bls.	lb.	.06	- .09
Spruce extract, bbls., works	lb.	.01½	—
tanks, works	lb.	.01	—
powd., bgs.	lb.	.04	—
super, bbls., works	lb.	.01⅝	—
tanks, works	lb.	.01⅜	—
Squawvine leaves, bls.	lb.	.14	- .15
Squill, red, bls.	lb.	.14	- .15
White, bls.	lb.	.07	- .08
powd., bbls., bxs.	lb.	.14	- .15
St. Ignatius beans, bgs.	lb.	.45	- .50
St. John's bread, bls.	lb.	.06	Nom.
Starch, corn, pearl, bgs.	100 lbs.	3.19	- 3.39
powd., bgs.	100 lbs.	3.29	- 3.49
Iodide, bots.	lb.	1.87	- 1.92
Potato, dom., bgs.	lb.	.04½	- .06½
import, bgs.	lb.	.05¾	- .06
Rice, bbls.	lb.	.07¼	Nom
Wheat, bgs.	lb.	.08¼	- .09¾
Stavesacre seed, bgs.	lb.	.35	- .40
Stearin, oleo, bbls.	lb.	.07	- .07¼
Stillingia root, bls.	lb.	.07	- .08
Stoneroot, bls.	lb.	.06½	- .07
Storax, cs		.25	- .26
Stramonium leaves, bls.	lb.	.07	- .08
Seed, bgs.	lb.	.09	- .10
Strontium bromide, bbls.	lb.	.50	- .51
Carbonate, pure, bbls.	lb.	.30	- .31
Iodide, jars	lb.	2.80	- 2.85
Nitrate, dom., works, bbls.	lb.	.08	- .09
import., cks.	lb.	.08	- .09
Strophanthus seed, Kombe, bgs.	lb.	1.45	- 1.50
Strychnine, cryst., cns.	oz.	.48	- .51
powd., cns.	oz.	.38	- .41
Acetate, cns.	oz.	.64	—
Arsenate, cns.	oz.	.66	—
Arsenite, cns.	oz.	.64	—
Glycerophosphate, cns.	oz.	.65	—
Hydrochloride, cns.	oz.	.64	—
Hypophosphite, cns.	oz.	.75	—
Nitrate, cns.	oz.	.58	—
Phosphate, cryst., cns.	oz.	.65	—
Sulphate, cryst., cns.	oz.	.42	- .45
powd., cns.	oz.	.32	- .35
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works	lb.	.45	- —
tech., bbls., l.c.l., works	lb.	.40	- —
Sugar coloring, bbls.	gal.	.60	- .66
Milk, bbls., c.l.	lb.	.13	- —
l.c.l., 10 or over	lb.	.15	- —
less than 10	lb.	.16	- .17
Sulphonethylmethane, kgs.	lb.	6.75	- 6.80
Sulphonmethane, kgs.	lb.	5.25	- 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts	long ton.	18.00	- —
less than 1,000 tons, mines, contracts	long ton.	20.00	- —
c.l., spot, nearby	long ton.	21.00	- —
ex vessel, Balto., N. Y., Phila., Southern ports.	long ton.	22.00	-25.00
Bost., Portland.	long ton.	22.50	-25.50
flowers, bgs.	100 lbs.	3.00	- 3.75
bbls.	100 lbs.	3.35	- 4.10
rfd., broken, bgs.	100 lbs.	2.15	- 2.90
bbls.	100 lbs.	2.30	- 3.05
flour, com'l, bgs.	100 lbs.	1.90	- 2.35
bbls.	100 lbs.	1.95	- 2.70
rfd., ext. fine, bbls.	100 lbs.	3.20	- 3.95
heavy, bgs.	100 lbs.	2.55	- 3.30
bbls.	100 lbs.	2.90	- 3.45
light, bgs.	100 lbs.	2.65	- 3.40
bbls.	100 lbs.	3.00	- 3.75
roll, bgs.	100 lbs.	2.35	- 3.10
bbls.	100 lbs.	2.50	- 3.25
Sulphur chloride, dms., works	lb.	.03½	- .04
tanks, works	lb.	.03	- .04
Dioxide, liq., com'l, cyls., wks.	lb.	.07	- .09
multi-unit cars, works	lb.	.04½	- .07
tanks, works	lb.	.04	- .06
refrigeration, cyls., works	lb.	.11	- .15
multi-unit cars, works	lb.	.07½	- .10
Iodide, bots., jars	lb.	2.80	- 2.85
Sumac, Sicilian, grd., bgs.	ton.	52.00	Nom.
Extract, 42°, bbls.	lb.	.04½	- .06½
51°, bbls.	lb.	.06½	- .08½
Stainless, bbls.	lb.	.06¼	- .09¼
Leaf, Sicilian, bls.	ton.	57.00	Nom.
Sunflower seed, Calif., large, bgs.	lb.	.07	- .07⅞
medium, bgs.	lb.	.06½	- .07
poultry, bgs.	lb.	.05	- .05½
Superphosphate, guaranteed 16%, bulk, f.o.b. cars, boat, Balto.	ton.	8.00	—
run-of-pile, basis 16%, bulk, same basis	ton.	7.50	—
triple, 44-45% a.p.a., bulk, f.o.b. Balto.	unit-ton.	.78	—

T

Talc, dom., Calif., 1, bgs., c.l., mills	ton.	20.00	—
2, bgs., c.l., mills	ton.	17.00	—
N.Y., fibrous 93-94%, 325 mesh, bgs., c.l., mills	ton.	13.00	—
l.c.l., mills	ton.	15.00	—
96-98% 325 mesh, bgs., c.l., mills	ton.	14.00	—
l.c.l., mills	ton.	16.00	—
coarse, off color, bgs., c.l., mills	ton.	10.00	—
Ohio, alum-magn. type, grd. bgs., c.l., mills	ton.	21.00	—
l.c.l., mills	ton.	24.50	—
Vermont, bgs., c.l., mills	ton.	14.00	—
l.c.l., ex whse.	ton.	25.00	—
import., Canad., bgs., c.l., dlvd	ton.	28.00	—
l.c.l., dlvd.	ton.	28.50	—
French, high-grade, bgs., l.c.l., ex whse.	ton.	45.00	-60.00
ordinary, bgs., c.l., ex dock, arrival	ton.	22.00	-25.00
l.c.l., ex whse.	ton.	27.50	-32.50
Italian, 1, bgs., ex dock, arrival	ton.	75.00	-77.00
ex whse.	ton.	85.00	—
2, bgs., ex dock, arrival	ton.	70.00	-72.00
ex whse.	ton.	75.00	—
Tallow, animal, edible, bbls.	lb.	.06¾	nom.
extra, loose, works	lb.	.05¾	—
special, loose, works	lb.	.05¼	—
sulphonated, 35% (24% fat), dms., c.l.	lb.	.06	—
l.c.l.	lb.	.06½	—
50% (43% fat), dms., c.l.	lb.	.06¾	—
l.c.l.	lb.	.07	—
50% (43% fat), dms., c.l.	lb.	.07	—
l.c.l.	lb.	.07½	—
Tamarinds, W. I., bbls.	lb.	.06	- .07
kegs	keg	4.00	- 5.00
Tankage, animal, dom., grd., 10-15%, bulk	unit-ton.	2.60 &	.10
ungr., 10-15% bulk	unit-ton.	2.45 &	.10
fertilizer grade, 11-15%, bulk, Chicago	unit-ton.	2.40 &	.10
high-grade, feeding, 11-12%, bulk, Chicago	unit-ton.	2.75&	.10
import., S. Amer., bulk, c.i.f. ports, July shipt.	unit-ton.	2.90 &	.10
Tansy leaves, bls.	lb.	.18	- .20
Tapioca flour, bgs.	lb.	.03¼	- .06½
Tar, pine, retort, bbls., dlvd. ports	gal.	.26	—
dms., c.l., dlvd. E. cities	gal.	.26	—
dlvd. ports	gal.	.25	—
tanks, dlvd. E. cities	gal.	.20	—
Tar acid oil, 15%, dms.	gal.	.22½	- .23½
25%, dms.	gal.	.24½	- .25½
Tartar emetic, tech., fine gran., bbls., 5 or more	lb.	.24¾	—
less than 5	lb.	.25	—
powd., bbls., 5 or more	lb.	.24¾	—
less than 5	lb.	.25	—
USP, powd., bbls.	lb.	.30	- .30¼
Terebene, cns.	lb.	.70	- .75
Terpenyl acetate, cns.	lb.	.85	- 1.00
Terpin hydrate, kgs.	lb.	.45	- .46
Terpineol, CP, cns.	lb.	.26	—
dms.	lb.	.22	—
Alpha, denat. grade, dms., c.l.	lb.	.14¾	—
contracts	lb.	.13¾	—
tanks	lb.	.14	—
contracts	lb.	.13	—
Terra alba (see Gypsum).			
Tetrachlorcethane, dms., works	lb.	.06	- .06¼
Tetrachlorcethylene, CP, dms.	lb.	.25	- .30
tech., dms.	lb.	.10	- .10¼
Tetralin, dms.	lb.	.12	—
Theobromine, cns.	lb.	1.85	- 1.95
Sodiosalicylate, cns.	lb.	1.65	- 1.75
Thiocarbanilide, dms.	lb.	.20	—
Thorium nitrate, cs., works	lb.	2.20	—
Thyme, French, bls.	lb.	.11	- .12
Thymol, bots., 100 lbs.	lb.	1.55	—
smaller lots	lb.	1.60	- 1.65
Iodide, kgs., 50 lbs.	lb.	3.15	- 3.20
25 lbs	lb.	3.25	- 3.30
Tin, crystals, bbls., kgs.	lb.	.33½	- .34
Metal, Straits	lb.	.41½	—
Oxide, bbls.	lb.	.48	- .50
Tetrachloride, anhyd., bbls.	lb.	.21	—
Titanium dioxide, bgs., c.l. (20 tons), E., frt. alld.	lb.	.17	—
Pac. cst., f.o.b. terminal	lb.	.17	—
l.c.l., 5 tons, E., dlvd.	lb.	.17½	—
Pac. cst., ex whse.	lb.	.17½	—
1 ton, E., dlvd.	lb.	.18	—
Pac. cst., ex whse.	lb.	.18	—
800 lbs., E., dlvd.	lb.	.18½	—
Pac. cst., ex whse.	lb.	.18½	—
bbls., c.l. (20 tons), E., frt. alld.	lb.	.17½	—
l.c.l., 5 tons, E., dlvd.	lb.	.17⅝	—
1 ton, E., dlvd.	lb.	.18½	—
800 lbs., E., dlvd.	lb.	.19⅛	—
Pigment, barium base, bgs., c.l. (20 tons), E., frt. alld.	lb.	.06	—
Pac. cst., f.o.b. terminal	lb.	.06	—
l.c.l., 5 tons, E., dlvd.	lb.	.06	—
Pac. cst., ex whse.	lb.	.06	—
smaller lots, Pac. cst., ex whse.	lb.	.06¼	—
400 lbs., E., dlvd.	lb.	.06¼	—
bbls., c.l. (20 tons), E., frt. alld.	lb.	.06¼	—
l.c.l., 5 tons, E., dlvd.	lb.	.06¼	—
400 lbs., E., dlvd.	lb.	.06¼	—
calcium base, c.l. (20 tons), E. frt. alld.	lb.	.06	—
Pac. cst., f.o.b. terminal	lb.	.06	—
l.c.l., 5 tons, E., dlvd.	lb.	.06	—
Pac. cst., ex whse.	lb.	.06	—
smaller lots, Pac. cst., ex whse.	lb.	.06¼	—
400 lbs., E., dlvd.	lb.	.06¼	—
bbls., c.l. (20 tons), E., frt. alld.	lb.	.06¼	—
l.c.l., 5 tons, E., dlvd.	lb.	.06¼	—
400 lbs., E., dlvd.	lb.	.06¼	—
Toluidin base, kgs.	lb.	.86	- .90
distilled, kgs.	lb.	.95	- 1.00
Tolu balsam, cns.	lb.	.50	- .55
Toluidin, mixed, dms.	lb.	.27	- .29
Toluol (toluene), pure, dms., works	gal.	.35	—
tanks, E. of Omaha, frt. alld.	gal.	.30	—
W. of Omaha, works.	gal.	.30	—

INDUSTRIAL CHEMICALS

NOW AVAILABLE—THE FOLLOWING LINE OF ASSOCIATED ORGANIC CHEMICALS SERVING THE SYNTHETIC RESIN, SOLVENT PLASTICIZER AND PHARMACEUTICAL INDUSTRIES.

NATIONAL ANILINE

MALEIC (TOXILIC) ACID — SUCCINIC ACID

MALEIC (TOXILIC) ANHYDRIDE — SUCCINIC ANHYDRIDE

MALIC ACID — FUMARIC ACID

PHTHALIC ANHYDRIDE

DESCRIPTIVE BOOKLET ON REQUEST.

INTERMEDIATES

NATIONAL ANILINE AND CHEMICAL COMPANY, INC.
Intermediates Division — Bowling Green 9-2240
40 RECTOR STREET — NEW YORK, N. Y.
Branches and Distributors throughout the World

Tonga vine, NF, bls.....lb. .35 - .40
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .36 - —
Triamylamine, dms., l.c.l.,works. lb. 1.25 - —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .089 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .44½- —
cms., c.l., dlvd.....lb. .30½- —
500 lbs., dlvd.....lb. .64½- —
tech., 1, cns., dlvd.....lb. .23 - —
dms., c.l., dlvd.....lb. .21 - —
500 lbs., dlvd.....lb. .25 - —
2, cns., dlvd.....lb. .31 - —
dms., c.l., dlvd.....lb. .19 - —
500 lbs., dlvd.....lb. .21 - —
Triethanolamine, dms., works.lb. .26 - .30
Triphenyl phosphate, dms.....lb. .37 - .39
Triphenylguanidin. dms.....lb. .38 - .60
Tripoli, air-floated, bgs., c.l., works..ton.27.50 - —
l.c.l., ex whse. N.Y.....ton.40.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs.,c.l.,works.ton.18.00 - —
l.c.l., 1 ton, works.....ton.22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works.ton.16.00 - —
l.c.l., 1 ton, works.....ton.20.00 - —
1 bg., works.....bag. 3.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal powd., 98%,dms. lb. 1.80 - 1.90
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs.....lb. 1.65 - 1.75
Turmeric root, Alleppy, bgs...lb. .06½- .07
Madras, bgs.....lb. .06 - .06½
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .40¾- —
l.c.l., 10, ex dock.....gal. .42¾- —
5, ex dock.....gal. .44¾- —
wood, dest.-dist., dms., c.l., dlvd. E. ports..gal. .36 - —
l.c.l., same basis.....gal. .38 - —
tanks, dlvd. E. cities...gal. .31 - —
steam-dist., dms., c.l.,dlvd.gal. .40 - —
l.c.l., dlvd.....gal. .43 - —
tanks, dlvd.....gal. .35 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root).
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 20 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
10 to 19 tons, same basis. ton.100.00- —
1 to 9 tons, same basis. ton.110.00- —
100 to 1,900 lbs., same basis..100 lbs. 6.00 - —
pure, cs.....lb. .14½- .15½
Urea-ammonia liquor, 52% ammon., tanks, f.o.b.Atl. ports. unit-ton. .96 - —
Uva ursi leaves, bls.....lb. .06 - .07

V

Valerian root, USP, bls..... .10 - .11
Valonia, beards, bgs., shipt...ton.64.50 - —
Cups, bgs., shipt.....ton. No price
Vanilla beans, Bourbon, tins..lb. 3.00 - 3.25
Mexican, tins.....lb. 3.00 - 4.00
cut, tins.....lb. 2.75 - 3.00
South American, tins.....lb. 2.75 - 3.00
Vanillin, ex eugenol, tins,100 lbs. lb. 3.75 - —
less than 100 lbs.....lb. 3.85 - 4.85
ex guaiacol, tins, 100 lbs....lb. 3.65 - —
less than 100 lbs.....lb. 3.75 - 4.25
Venice turpentine, true, cs...lb. .47 - .48
Verdigris, kgs., lots of 5.....lb. .20 - —
less than 5.....lb. .21 - —
Violet, methyl, toner (see M).
V.M.P., naphthas (see petroleum naphtha, v.m.p.).

W

Wahoo bark, root, bls.....lb. .46 - .47
Tree, bls.....lb. .19 - .20
Wattle bark, bgs., shipt.....ton.27.00 -29.00
Extract, 60°, bbls.....lb. .03¾- —
Wax, bayberry, import., bgs...lb. .17½- .20
Bees, white, bleach., slabs., cs. 500 lbs..lb. .36 - .36
yellow, crude, Africa, bgs., lots of 10..lb. .25 - .26
1 bg.....lb. .25½- .26½
Brazil, Chile, bgs., 5-10 tons..lb. .26 - .26½
1 ton.....lb. .26½- .27
500 lbs.....lb. .27 - .27½
100 lbs.....lb. .27½- .28
refd., slabs, cs., 500 lbs...lb. .28 - .30
Candelilla, bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16 - .16½
Carnauba, chalky 3, bgs., 1 ton. lb. .34 - .34½
5 bgs.....lb. .34½- .35
1 bg.....lb. .35 - .35½
N. C. 2, bgs.....lb. .36 - .37
N. C. 3, bgs., 1 ton.....lb. .34 - .34½
5 bgs.....lb. .34½- .35
1 bg.....lb. .35½- .36
refd., bgs.....lb. .38 - .39
yellow, 1, bgs., 1 ton.....lb. .43½- .44
5 bgs.....lb. .44 - .44½
1 bg.....lb. .44½- .45
yellow 2, bgs.....lb. .42 - .43
Ceresin, dom., 138°-140° m.p. bgs, 1 ton..lb. .08 - —
jobbing lots.....lb. .09 - —
150°-160° m.p. bgs., 1 ton.lb. .09 - —
jobbing lots.....lb. .10 - —
160°- m.p. bgs., 1 ton....lb. .10 - —
jobbing lots.....lb. .11 - —
import., pure, snow-white, 176° m.p. bgs., 1 ton..lb. .43 - —
1,000 lbs.....lb. .44 - —
500 lbs.....lb. .45 - —
156° m.p., bgs., 1 ton.lb. .44 - —
1,000 lbs.....lb. .45 - —
500 lbs.....lb. .46 - —
yellow, natural, 176° m.p. bgs., 1 ton..lb. .36 - —
1,000 lbs.....lb. .37 - —
500 lbs.....lb. .38 - —
Japan, cs.....lb. .08¼- .08¾
Wax, Montan, bgs., c.l.....lb. .10¾- .11¼
5 tons.....lb. .11 - .11½
less than 1 ton.....lb. .11¼- .11¾
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .32 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .22 - .24
cakes, cs.....lb. .23 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05 - .06
White precipitate, bbls., bxs., fib. dms..lb. 1.46 - —
Whiting, chalk, coml., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -12.50
l.c.l., works.....ton.13.20 -14.50
wet-grd., bgs., c.l., works. ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
l.c.l., works.....ton.18.50 -20.00
glider's, bolted, bip. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bip. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, bip. bgs., c.l., works..ton.15.00 - —
works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works.ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75% 300 mesh, bgs. (extra), c.l., frt. alld. to $2 per ton..ton.10.00 - —
99.75% 200 mesh, bgs.,c.l., same basis..ton. 9.00 - —
95-98% 200 mesh, c.l., same basis..ton. 7.50 - —
40-98% 200 mesh, c.l., same basis..ton. 6.50 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs. (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works.. ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs.(extra),c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .05 - .05½
rossed, green, bls.....lb. .06 - .06½
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07 — .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., c.l., works..ton.24.00 -30.00
standard, bgs., c.l., works.. ton.18.00 -24.00
import. 40-70 mesh, bgs., ex dock..ton.20.00 - —
80-100 mesh, bgs.,ex dock.ton.25.50 - —
120 mesh, bgs., ex dock...ton.31.00 - —
Wormseed, American, bgs.....lb. .06 - .07
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
nitration, dms., works.....gal. .46 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 - —
tanks, E. of Omaha, frt. alld. gal. .33 - —
W. of maha, works.....gal. .33 - —
Xylidin, mixed, dms.....lb. .36 - .37

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.35
Yellow, cadmium, CP, import., bxs..lb. 2.50 - —
Lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .40 - —
smaller lots, same basis. lb. .45 - —
kgs., same basis.....lb. .50 - —
Sulphide, orange, bbls.,works. lb. 1.00 - 1.10
Yellow, bbls., works.....lb. .90 - —
Chrome CP, bbls., dlvd. N of Tenn. and N.C., E. of Miss. R. including Davenport, Minneapolis, Rock Island, St. Louis, St.Paul, contracts..lb. .11 - —
open order.....lb. .12 - —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Yellow, Dutch pink, bbls.....lb. .08 - .10
Mercury oxide (see M).
Ocher, American, golden, A, bbls., works..lb. .06¾- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works..lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01776- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¾- —
H, bbls., works.....lb. .01¼- —
French, all shades, cks., c.l., ex car L. Angeles.lb. .0335- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .02¾ Nom.
Port., S. Francisco, S. Pedro, Seattle.lb. .03225- —
f.o.b. N.Y.....lb. .02¾- —
l.c.l., dlvd. Brook., Hoboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional), from dock..lb. .02¾- —
from whse.....lb. .03¼- —
ex car L. Angeles...lb. .03½- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .02¾ Nom.
N. Y.....lb. .02¾- —
Port., S. Francisco, S. Pedro, Seattle.lb. .03¾- —
ex whse, Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional) lb. .03 Nom.
Chi., E. St. Louis, Indipolis., K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03¾ Nom.
L. Angeles, Port., S. Francisco, Seattle.lb. .03¾- —
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional...lb. .03¾ Nom.
N. Y.....lb. .03½- —
Ptsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional)...lb. .03½ Nom.
f.o.b. Bethlehem, Easton..lb. .03½- —
N.Y., from dock...lb. .02¾- —
from whse.....lb. .03¾- —
Oxide, nat., obls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07½
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08 - .09
Yohimbine hydrochloride, vls.oz. 2.50 - 2.55

Z

Zinc, arsenite, bgs., cs., c.l., consumers..lb. .09¾- .12¾
dealers .....lb. .09¾- .12¾
jobbers, E. of Rockies.lb. .09½- .11½
l.c.l., consumers, 5,000 lbs. or over...lb. .10½- .13½
1,000-5,000 lbs.....lb. .11 - .14
less than 1,000 lbs....lb. .11½- .14½
dealers, 5,000 lbs. or over. lb. .10½- .13½
1,000-5,000 lbs.....lb. .10½- .13½
less than 1,000 lbs....lb. .11 - .14
jobbers, E. of Rockies..lb. .10 - .12
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck. allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .09 - .10½
USP, precip., powd., bbls..lb. .31 - .32
Chloride, fused, dms., works.lb. .04½- .05¾
gran., dms., works.....lb. .05 - .05¾
solution, dms., works.....lb. .04½- —
tanks, works.....lb. .02 - —
Cyanide, bbls., works.....lb. .36 - .38
Dust, bbls., c.l., dlvd.....lb. .0690- —
l.c.l., 10,000 lbs. or over, dlvd..lb. .0763- —
less than 10,000 lbs., dlvd. lb. .0815- —
Fluoride, bbls.....lb. .20 - .25
Iodide, bots., jars.....lb. 4.00 - 4.05
Metal (see daily quotations in market report).
Oxide, pigment, dom., Amer. process, coml., lead-free, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05¼- —
ex whse.,Pac.cst.lb. .05¼- —
bbls., c.l., dlvd.....lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
leaded, 5%, 35%, 50%, bgs., c.l., dlvd. lb. .04½- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex whse.,Pac.cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05⅝- —
French process, coml., lead-free, bgs., c.l., dlvd. lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05¼- —
ex whse., Pac. cst. lb. .05¼- —
bbls., c.l., dlvd.....lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
green seal, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. except Pac. cst..lb. .06¼- —
ex whse., Pac. cst. lb. .06¼- —
bbls., c.l., dlvd.....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex-whse.,Pac. cst.lb. .06½- —
red seal, bgs., c.l., dlvd. lb. .05½- —
l.c.l., dlvd. except Pac. cst..lb. .05¾- —
ex whse., Pac. cst. lb. .05¾- —
bbls., c.l., dlvd.....lb. .05¾- —
l.c.l., dlvd., except Pac. cst..lb. .06 - —
ex-whse.,Pac. cst.lb. .06 - —

Tonga Vine—Zirconium

Zinc, oxide, pigment, dom., French process, white seal, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd. except Pac. cst..lb. .06¾- —
ex whse., Pac. cst. lb. .06¾- —
bbls., c.l., dlvd.....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .07 - —
ex-whse.,Pac. cst.lb. .07 - —
import., gold seal, csk., ex dock..lb. .10⅞- .11⅛
green seal, bbls.,1-15 tons, ex dock..lb. .07½- .09⅝
ex whse.....lb. .07⅝- .09⅝
red seal, bbls., 1-15 tons, ex dock..lb. .06⅝- —
ex whse.....lb. .09 - —
white seal, cks., lots of 3, ex dock..lb. .09¾- —
ex whse.....lb. .10 - —
smaller lots, ex dock.lb. .10 - —
ex whse.....lb. .10¼- —
USP, bbls., c.l.....lb. .06 - —
l.c.l. .....lb. .06½- —
Palmitate, bbls.....lb. .22 - .28
Resinate, fused, pale, bbls...lb. .09 - .10
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
1,000-2,000 lbs.....lb. .21 - —
less than 1,000 lbs..lb. .22 - —
USP, bbls.....lb. .20 - .28
Sulphate, cryst., bgs., c.l.100 lbs. 2.65 - —
l.c.l. .....100 lbs. 3.15 - —
bbls., c.l.....100 lbs. 2.80 - —
l.c.l. .....100 lbs. 3.30 - —
flake, bgs., c.l.....100 lbs. 3.05 - —
l.c.l. .....100 lbs. 3.55 - —
bbls., c.l.....100 lbs. 3.20 - —
l.c.l. .....100 lbs. 3.70 - —
powd., bgs., c.l.....100 lbs. 4.35 - —
l.c.l. .....100 lbs. 4.85 - —
bbls., c.l.....100 lbs. 4.50 - —
l.c.l. .....100 lbs. 5.00 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .10¼- —
l.c.l., 5 tons, dlvd. E. or ex whse., Pac. cst..lb. .11 - —
1 ton, same basis.....lb. .11¼- —
smaller lots, same basis.lb. .11½- —
bbls., c.l. (20 tons), dlvd..lb. .10¾- —
l.c.l., 5 tons, dlvd. E. or ex-whse. Pac. cst..lb. .11¼- —
1 ton, same basis.....lb. .11½- —
smaller lots, same basis.lb. .11¾- —
Sulphocarbolate, NF, bbls...lb. .24 - .26
Zinc-ammonia chloride, cks....lb. .0465- .05
Zinc-iron oxide pigment, bgs.,c.l., dlvd..lb. .03¾- —
l.c.l., dlvd. except Pac. cst..lb. .04¼- —
ex whse., Pac. cst....lb. .04¼- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.75.00 -100.00
kgs., small lots, works..lb. .04¼- .04½
white, 99%, grd., kgs., works. lb. 1.40 - 1.50

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the June 1 issue; the next printing will be in the July 6 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials market, which begins on page 31.

Trade News Briefs

A. Carroll Taylor, oil operator, was held June 18 by the police of Fort Worth, Tex., on a fugitive complaint of Nashville authorities in connection with alleged shipments of gasoline into Tennessee.

John K. Conant, of the General Printing Ink Corporation, has been elected president of the Purchasing Agents Association of New York, which has opened new headquarters at 120 Broadway, this city.

Fertilizer storage facilities at the Muscle Shoals plant of the Tennessee Valley Authority are to be expanded. A contract for $14,800 additional building has been awarded to the Converse Bridge and Steel Company, Chattanooga.

Gordon F. Macnaughton, formerly secretary-treasurer of the Herrick-Voigt Chemical Corporation, is now associated with Dr. Andrew Dingwall, consulting scientist, with offices and laboratory at 101 Maiden Lane, this city.

Certain-teed Products Corporation's gypsum mine at Akron, N. Y., was awarded first place in the nonmetallic mineral group, in the national safety contest of 1935 sponsored by the United States Bureau of Mines. The mine was worked through 79,114 man-hours without a disabling accident.

"The Nerve of It" is the subject of an address to be given June 26 before the Chicago section of the American Chemical Society by Willis R. Whitney, B. S., Ph. D., Ch. D., Sc. D., LL. D., vice-president in charge of research of the General Electric Company. The meeting of the section will be held in the upper level boulevard room of the Stevens hotel at 7:45 p. m.

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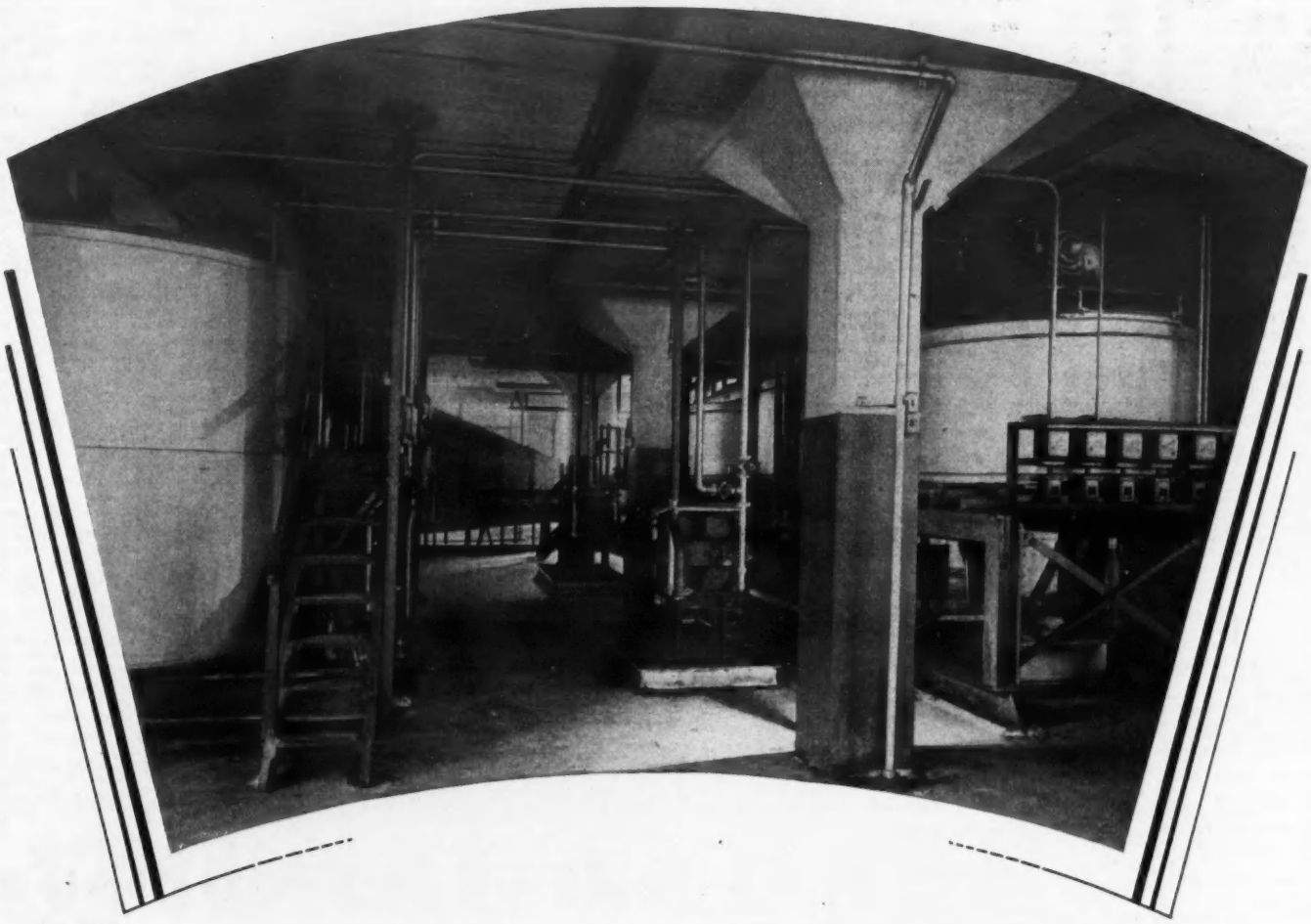

TARTARIC ACID

POWDERED GRANULAR CRYSTAL

CREAM TARTAR

POWDERED CRYSTAL

ROCHELLE SALT

POWDERED GRANULAR CRYSTAL

CHAS. PFIZER & CO., INC

Manufacturing Chemists

81 MAIDEN LANE, NEW YORK, N.Y.

PFIZER QUALITY

444 W. GRAND AVE. CHICAGO, ILL.

Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

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Industrial Employment High

Employment in manufacturing industries has been brought up very close to the level of 1929. Current unemployment — still a serious economic problem, although the number of those actually lacking employment is generally exaggerated — is in but small part the fault of manufacturing industry. Criticism of manufacturing industry on this score is not well founded. Manufacturing industry was a bit slow in getting started to take up the slack of employment. It had what it believed to be, and what in large degree were, sufficient reasons for its cautious development of a re-employment program. It did start. And since that time it has gone far.

Wages and hours of employment in manufacturing industry also compare well with the satisfactory schedules of a decade ago. Wages are quite widely maintained at the minimums formerly prescribed in NRA codes, and in many instances they are higher, sometimes exceeding 1929 scales. Hours have not been increased beyond code maximums in the majority of plants in, at least, every important industry. Their general average is closely in keeping with code schedules, the gouging policies of persistent minorities being offset by shorter schedules in other plants.

The chemical and related industries have been shown by a number of surveys to be among the foremost in the restoration of employment and the maintenance of satisfactory wage and hours schedules. Their records stand far above the average in all respects, and in this group are industries in which conditions are better than those imposed by NRA codes, better even than those obtaining in 1929. In only a very small minority of the plants in these industries have wage scales been reduced from code schedules or the workweek lengthened. In a greater number of instances the departures from code schedules have been in the direction of higher wages and a shorter workweek.

Charges that manufacturing industry was in large part to blame, because of shortsighted labor policies, for the depression have a substantial foundation. It is true that manufacturing industry to a disturbing extent lost sight of the fact that, to expand, it must itself provide the additional consumers' income necessary for the support of market growth. The inevitable result was production running in excess of the monetary potentialities of available markets.

These shortcomings are not now the rule. The fundamental fact that manufacturing industry must in largest part be self-sustaining is better appreciated today than it was ten years ago. Industry knows that, for stable, lasting support, it must rely on the aggregate income from its own processes; that the purchasing power afforded by gains from speculative operations of whatever sort is but fleetingly better than a broken reed. Industry is beginning to learn that, under the best conditions, for every dollar it saves in labor costs half a dollar is deducted from the purchasing power of its markets. As conditions are but infrequently at their best, this deduction is usually of a larger proportion.

With the help of its acquired new knowledge of economic fundamentals and that which it is acquiring, manufacturing industry is recognizing more and more the necessity that it take care of itself. This is the reason why employment has been restored to the levels of the predepression period; why wages have been brought into closer relation to adequate purchasing power; why more men, rather than more hours, is the objective of employment policies. The motive really is selfish, but the effect is altruistic, and the resulting reciprocal force is of immeasurable value.

Price Favors Prohibited

Congress has passed a bill prohibiting discriminations in prices in interstate commerce. The measure probably will be signed by the President; may have been signed by the time this article is published. It is a composite measure, embodying certain features of at least four of the bills on this subject, which were introduced during the congressional session. The bill, if it becomes a Federal law, will provide a useful implement for the cultivation of more equitable practices in various trades.

The congressional enactment against price-discrimination does not place all buyers on the same basis. To do so would be to destroy one of the oldest and soundest practices of commerce—the "little" buyer cannot claim any right to be treated exactly, in prices and terms, as the "big" buyer is treated; it costs more to serve the former, and he must expect to pay this cost. Several other purposes at one time undertaken in the process of this legislating, as well as some attributed to the endeavors but not actually present therein, were eliminated in the shaping of this act. These eliminations make for clarity, as well as for validity, of the prohibitions imposed; although some of them leave bits of indefiniteness here and there.

A Federal law against price-discrimination can be but the major implement for the working out of trade troubles arising from discriminatory practices. Its value is more psychological than direct. Such a law will not stop discrimination by the simple process of making the practice illegal—prohibition laws do not prohibit. The law must be used for the purpose for which it is intended. It must be used with an acceptance of this purpose as desirable.

The newly enacted measure is of necessity flexible in its provisions. The practices at which it is directed must be of substantial detriment or they are not illegal. To a large extent it leaves the stumbling block that long has prevented successful assault on predatory price-cutting—damages to competition must be shown.

The Federal law must be supplemented by State laws, because it does not prohibit price-discriminations in wholly intrastate transactions, and the practices of an intrastate competitor relieve a participant in interstate commerce from the restrictions of the act. There is another loophole. The act permits variations in price on the basis of quality. This opens the way for furnishing favored distributors with a product under a special label, with perhaps a bit of difference in composition. Although the dealer's cost might be lower than that charged for the original product, the public would not know this, and the specially labeled article could be offered as the manufacturer's "best" quality.

Co-operative wholesaling organizations of retailers are not given the specific exemption provided in the basic bills. This does not impair their position. They are not prohibited from allowing discounts, as long as these are proportionally equal. They are not required to sell to retailers who are not members of the organization.

Statutory prohibition of price-discrimination is merely an implement; it is not a corrective force. It will give manufacturers, who desire it, an opportunity to escape from the clutches of chiseling distributors. It will give them, if they desire it, backbone to say "No" to extortionate demands. It will give individual retailers a weapon of great usefulness in the offensive that is the best defense. But, its efficacy as a weapon or as a spine-stiffener will depend wholly on the manner in which it is used.

Census Data Needed Now

The biennial census of manufactures affords at best an inadequate supply of statistical data needed for the satisfactory guidance of industry in the paths of progress. Industry should know where it is and whither it is going more frequently than once in two years. It would avoid a deal of uncertainty, of guesswork, of error, if it had more nearly current statistical information about itself. Application of the ancient adage, "Know thyself," is of inestimable value to industry, many of whose troubles arise from the fact that it is but slightly acquainted with the features that indicate whether its condition is healthy or not.

As long as the biennial census is the best, because the only, diagnostic chart for the majority of the divisions of industry, it is highly desirable that this service be thorough. It is still more desirable that the census data be promptly made available. There are two influences which affect the promptness of publication of data in the census of manufactures, and which consequently determine in large measure their value. One of these is the earliness of the response of manufacturers to the request for information. The other is the speed with which the contributed data are collated.

In the census of manufactures for 1935, now in progress, the response of manufacturers has been prompt, and, so it appears, it has also been at least no less adequate than in previous census years. Still, there is reason to believe, the publication of the 1935 census data will be delayed several months beyond the period elapsing between collection and publication in former years. The cause of this expected delay is not plain. It must lie in the processes, perhaps the policies, of the Bureau of the Census.

Collation of statistical data gathered from many sources is not an easy job, even when the information has been supplied on uniform blanks. Vagaries of human intelligence make for variety in its response to the simplest requests. Census work, from collection to publication, requires a particular type of mind and purpose on the part of the workers. These qualifications are seldom found with adequate natural development; they must be cultivated by training.

Census workers, therefore, improve with the period of their service. They cannot be replaced with new material even under stringent qualifying tests. It may be that there is too much new blood in the census bureau's staff this year. This would explain the showing up of the work on the data on manufactures. The reason, of course, may be something wholly different. But, whatever it is, it is not easily excused.

Industry has an urgent need for interpretative, diagnostic statistical data at this time. A special effort should be made to disseminate the information afforded by the 1935 census of manufactures before it is too stale. Many business trends can be, and some are, reversed in a six-month period. To extend the waiting time with respect to census data beyond six months may result in the presentation of a wholly misleading industrial picture.

Col. Robert Marsh Heads Potash Co. of America

Colonel Robert Marsh, jr., consulting mining engineer and former adviser of the Guggenheim brothers and others, has been elected president of the Potash Company of America, succeeding G. W. Harris, head of the corporation since its beginning six years ago, who retires partly because of his health, and to give more attention to his other affairs, among them coal production. He retains his place as a director of the company.

Colonel Marsh comes by his devotion to mining naturally, his father having engaged in the industry. He was born fifty-two years ago in Colorado; studied engineering economics at Cornell; was graduated from the Columbia School of Mines, and then traveled through many mining States, gaining practical experience in the metallurgical field by working in the plants. Next he went with the Nevada Consolidated Copper Company, one of the largest enterprises of its kind, and made a trip to Alaska at the head of an exploration party. Following this he went to South America to develop the Braden Copper Company project, which became one of the world's great producers. He also aided in the development of the Chile Copper Company, and was assistant to Pope Yeatman, consulting engineer of the Guggenheim interests. Returning to this country, he became the general mine superintendent of the Nevada Consolidated Copper Company.

Colonel Robert Marsh, Jr.

When this country was having differences with Mexico, just before the start of the World War, Colonel Marsh, with three others, organized the first civilian air squadron of California and offered its services to the government. He enlisted as a private for the World War; was assigned to the Signal Corps and then sent to France, attached to the aviation section, Signal Corps, developing an air service for the A.E.F. and obtaining a commission as captain. He was stationed with the British forces, but was recalled to the A.E.F. and made chief of the technical section with the rank of major. He was later assigned to the Armistice Commission and detailed to take over the German air equipment. He received both the Distinguished Service Order of Great Britain and the ribbon of the French Legion of Honor. Subsequently he was made a colonel in the Army Air Corps Reserve, which rank he still holds.

In the employ of the Guggenheims, after the war, he investigated the development of mineral resources in Europe, and became consulting mining engineer for the Guggenheims in South America, which led to the modernization of the nitrate industry in Chile. In 1931 came the collapse in nitrate as a result of closing of the markets of Germany and her allies and the consequent development of the synthetic product, plus the general depression and the accompanying unsettlement of world economics. Colonel Marsh then entered private practice. He was engaged to make an investigation of the holdings of the Potash Company, which was organized to prospect and develop potash deposits on government land near Carlsbad, New Mexico. At that time the company had sunk a shaft and was turning out manure salt, but possessed no refinery, although plans were being formulated for the production of high-grade muriate. Colonel Marsh reported favorably on the project and believed the basic conditions sound, and thus attracted additional capital for the erection of a refinery and for other development purposes.

The Potash Company is owned and controlled principally by a group of prominent Denver men. J. B. Grant, of the law firm of Lewis & Grant, is chairman of the board.

Coaltar Dyes and Chemicals Output in 1935 Was 4.7 to 59.6% Above 1934

Coaltar Resins Make Greatest Gain, with Synthetic Non-Coaltar Chemicals Second and Finished Products Third

Increases ranging from 4.7 percent to 59.6 percent, in comparison with the preceding year, are shown in the 1935 production of coaltar dyes and other synthetic organic chemicals in the United States, by the annual survey report issued by the United States Tariff Commission, a summary of which was published in the June 8 issue of the OIL, PAINT AND DRUG REPORTER. Large increases are shown also in a comparison of the 1935 production with the average for the 1925-30 period.

In the eight divisions comprised in the report, advanced production was shown in seven, while the eighth, coaltar medicinals, fell short of the previous year's output by only 1,000 pounds, and exceeded the 1925-30 average by more than 100 percent. The greatest gain in the coaltar groups was made by coaltar resins, with an increase of 59.6 percent over the previous year, and an increase over the 1925-30 average by approximately 260 percent. Synthetic non-coaltar chemicals came second with an increase of 40.3 percent over 1934, but a gain of almost 320 percent over the 1925-30 average. Finished coaltar products came third, with an increase of 31.6 percent over 1934, and an increase of about 90 percent over the 1925-30 average.

The following table compares the 1935 production and sales of the most important groups with the average for 1925-30 and for 1934:

Summary of Comparative Production and Sales 1934-1935

Coaltar chemicals—	1925-30 average.	1934.	1935.	Increase 1935 over 1934, percent.
Intermediates—				
Production	267,492,000	388,872,000	436,811,000	12.3
Sales	109,133,000	161,845,000	191,055,000	18.0
Sales value	$22,408,000	$21,914,000	$26,114,000	19.2
Finished coaltar products*—				
Production	138,078,000	†205,838,000	†270,835,000	31.6
Sales	133,964,000	†180,451,000	†228,798,000	26.8
Sales value	$65,027,000	†$81,333,000	†$98,087,000	20.6
Dyes—				
Production	94,003,000	87,178,000	101,817,000	16.8
Sales	92,207,000	84,309,000	97,826,000	16.0
Sales value	$39,428,000	$43,251,000	$51,405,000	18.9
Medicinals—				
Production	4,508,000	10,024,000	10,023,000	...
Sales	4,106,000	8,224,000	8,950,000	8.8
Sales value	$7,464,000	$7,921,000	$8,372,000	5.7
Flavors and perfume materials—				
Production	3,966,000	4,168,000	4,364,000	4.7
Sales	3,919,000	3,695,000	4,080,000	10.4
Sales value	$2,901,000	$3,028,000	$3,171,000	4.7
Coaltar resins (1927-30)—				
Production	24,442,000	†56,059,000	†89,473,000	59.6
Sales	22,135,000	†43,351,000	†64,641,000	49.1
Sales value	$7,756,000	†$10,127,000	†$12,191,000	20.4
Synthetic non-coaltar chemicals—				
Production	379,972,000	1,133,719,000	1,591,106,000	40.3
Sales	264,006,000	639,410,000	790,995,000	23.7
Sales value	$44,499,000	$72,878,000	$86,053,000	18.1

* Includes color lakes, photographic chemicals and miscellaneous coaltar produts not shown separately.

† Does not include coumarone and indene resins.

Coaltar Intermediates

Production and Sales, 1935

	Total production: Pounds.	Sales— Pounds.	Sales— Value.	Unit value.
Total intermediates	436,811,000	191,055,000	$26,114,000	$0.14
Acetanilide, tech	180,000	.....	.....	...
Acetoacetanilide	141,000	.....	.....	...
Acetyl-p-phenylenediamine (p-aminoacetanilide)	192,000	.....	.....	...
b-Aminoanthraquinone	471,000	.....	.....	...
Aminoazobenzene and hydrochloride	252,000	.....	.....	...
Aminoazobenzenesulphonic acid	57,000	.....	.....	...
Aminoazotoluene	154,000	.....	.....	...
1-Amino-2-naphthol-4-sulphonic acid	1,363,000	.....	.....	...
1-Amino-8-naphthol-2:4-disulphonic acid (Chicago acid)	100,000	.....	.....	...
1-Amino-8-naphthol-3:6-disulphonic acid (H acid)	2,982,000	.....	.....	...
2-Amino-8-naphthol-6-sulphonic acid (gamma acid)	921,000	172,000	121,000	.70
o-Aminophenol	17,900	18,400	23,800	1.29
p-Aminophenol and hydrochloride	674,000	299,000	225,000	.75
Anilindisulphonic acid	18,600	.....	.....	...
Anilin oil	32,573,000	12,529,000	1,429,000	.11
Benzidin hydrochloride and sulphate	1,517,000	.....	.....	...
Benzidinsulphonic acids	10,500	.....	.....	...
Benzoic acid, tech	88,200	68,400	26,000	.38
Benzidinsulphonic acids	10,500	.....	.....	...
Benzoyl chloride	767,000	725,000	139,500	.19
Chloroanthraquinone	323,000	.....	.....	...
Chlorobenzene (mono)	.....	4,102,000	205,000	.05
Chlorobenzoylbenzoic acid	946,000	.....	.....	...
o-Chloro-p-nitroanilin	102,000	.....	.....	...
Chlorotoluene	175,500	.....	.....	...
Chlorotoluidinsulphonic acid	271,000	.....	.....	...
Cumidine	7,200	.....	.....	...
Dehydrothio-p-toluidin sulphonic acid	126,000	.....	.....	...
Diaminoanthraquinone	97,000	.....	.....	...
Diaminostilbenedisulphonic acid	222,000	.....	.....	...
Dibutyl phthalate	4,413,000	3,332,000	631,000	.19
Dichloroanilin	123,000	.....	.....	...
Dichloroanilinsulphonic acid	37,800	.....	.....	...
1:5-Dichloroanthraquinone	15,200	.....	.....	...
o-Dichlorobenzene	2,905,000	2,785,000	101,000	.04
p-Dichlorobenzene	6,830,000	7,056,000	780,000	.11
1:5-Dihydroxy anthraquinone (anthrarufin)	180,000	.....	.....	...
1:4-Dihydroxy anthraquinone (quinizarin)	131,000	.....	.....	...
5:5-Dihydroxy-7:7-disulphonic-2:2-dinaphthylurea (J acid urea)	176,000	.....	.....	...
Dimethylanilin	3,241,000	757,000	163,000	.22
Dimethylidianthraquinonyl	29,900	.....	.....	...
Dinitroanilin	60,400	.....	.....	...
Dinitrobenzene	2,238,000	788,000	101,000	.13
Dinitrochlorobenzene	7,385,000	306,500	33,900	.11
Dinitrostilbene and disulphonic acids	401,000	.....	.....	...

(Continued on page 26)

Chemical Price Changes Mixed

Price reductions and advances were fairly balanced in the markets for heavy and fine chemicals last week, with a slight emphasis on the downward movement. Transactions were steady and of gratifying seasonal volume. Increased activity was indicated in some consuming industries, including the cotton textile. Broad demand continued for cresylic acid, the supply of which was short. Other coaltar products were quiet in the face of scarcity.

Prices were advanced on silicofluoride of soda, agar, Batavia dammars, Japanese sardine meal, imported nitrogenous fertilizer material and raw bone at Chicago. Reductions affected hydrosulphite of soda, French ochers, quicksilver, minor strychnine salts and dried blood at Chicago.

The REPORTER'S composite index number of prices for heavy and fine chemicals remained at 124.5 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100) the REPORTER'S index number is now 88.1, against 89.2 at this time last year.

Drug Bill Is Passed By House—151:27

WASHINGTON, June 19.

The house today passed the bill to revise the food and drugs act, by a vote of 151 to 27. No changes were made in the form in which the bill was reported May 22 by the committee on interstate and foreign commerce.

A special rule to consider the measure was denied by the rules committee, but the bill was taken up under unanimous consent to suspend the rules. Debate on the bill occupied but thirty minutes.

The bill was sent to conference because of differences between the senate and house forms. Senator Copeland is said to be willing to accept the house form in order to assure adoption of the measure.

Many changes were made in the food and drugs bill by the house committee. The major particulars in which the house version differs from that of S. 5 as passed by the senate are:

1. Administration of the provisions relative to advertising control is placed in the hands of the Federal Trade Commission, instead of the Food and Drug Administration.

2. Filing of formulas of food and drug compounds with the Secretary of Agriculture is permitted as an alternative to disclosure of composition on the label.

3. Multiple seizures are authorized in charges involving false, misleading or fraudulent misbranding.

A.S.T.M. Meeting Will Open June 29

The American Society for Testing Materials will hold its thirty-ninth annual meeting in Chalfonte-Haddon Hall, Atlantic City, N. J., June 29 to July 3. A large number of technical papers and reports are scheduled for presentation. In order to provide ample time for the presentation of the papers and for discussion, some twenty sessions will be held.

Among the outstanding groups of papers to be given the most extensive is the symposium on "X-Ray Crystallography and Radiography," developed by A.S.T.M. committee E-4 on metallography through its subcommittee VI on X-Ray methods. The symposium on "Limitations of Laboratory and Service Tests in Evaluating Rubber Products," sponsored by committee D-11 on rubber products, is expected to be of widespread interest. Several papers dealing with various phases of spectographic analysis are on the program and one session will be devoted entirely to the subject of water under the sponsorship of the joint research committee on boiler feedwater studies and A.S.T.M. committee D-19 on water for industrial uses. Other technical contributions will cover nonferrous metals, wire, soils, corrosion, fatigue and effect of temperature on metals, and cement and concrete, separate sessions being devoted to each of these subjects.

June 29 is being reserved for meetings of A.S.T.M. committees, and the first general session is scheduled for the forenoon of June 30. This will be featured by an address on "Chemical Engineering and Its Relationship to the Work of A.S.T.M.," by H. C. Parmelee of the McGraw-Hill Book Company, and the president's annual address to be given by H. S. Vassar.

The 1936 Edgar Marburg lecture, the tenth in the series, is to presented in the afternoon of July 1 by Dr. Arthur L. Day, director of the Geophysical Laboratory of Carnegie Institution of Washington, on the subject "Developing American Glass," in which work Dr. Day has taken a leading part.

Of special interest in connection with the discussions having to do with protective coatings is a paper on the subject of testing organic finishes. A formal committee report on protective coatings will be presented. Other committee reports will include those on petroleum, lime and asphalts. Rubber products will be discussed in a symposium by committee D-11.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Barium Chloride.—Mexico, by presidential decree, has established a separate tariff classification for barium chloride and made it dutiable at 0.05 peso per gross kilo.

Carbonic Acid Gas.—Colombia has abolished the consumption tax of 1.60 pesos per kilo on carbonic acid gas.

U.S. Chemical Engineers Attend London Conference

Group of More Than Sixty Take Part in Congress on Industry Problems

Chemical engineers from the leading industrial nations of the world are meeting in London June 22 at the International Chemical Engineering Congress under the auspices of the Institution of Chemical Engineers of Great Britain. World problems and progress in chemical manufacture will be discussed in a program of more than a hundred papers by representative chemical engineers from Austria, Canada, Denmark, Germany, Great Britain, Hungary, Japan, Netherlands Poland, Sweden, Switzerland, U.S.S.R. and the United States.

Participating in the Congress from the United States is a delegation of members of the American Institute of Chemical Engineers headed by M. H. Ittner, of the Colgate-Palmolive-Peet Company, president of the institute; J. V. N. Dorr, of the Dorr Company, former president of the institute and American delegate to the World Power Conference· F. C. Zeisburg, of E. I. duPont deNemours & Co., vice-president of the institute; Edward Bartow, of the University of Iowa, president of the American Chemical Society; Gustavus J. Esselen, chemical consultant, American delegate to the International Union of Pure and Applied Chemistry at Geneva in September; D. D. Jackson, of Columbia University; and other prominent chemical engineers representing important American chemical manufacturers and firms.

Simultaneously with the international congress are the World Power Conference and the British Chemical Plant Exhibit at which British manufacturers of chemical equipment will show their newest products. Following the formal meetings, the visiting delegations will be guests of the Institution of Chemical Engineers on a tour of historical and industrial England and Wales before returning home.

Special significance attaches to this meeting as the first broadly international gathering of the men responsible for the design and operation of chemical manufacturing plants ever held in the world. Viscount Leverhulme is chairman of the congress. Arrangements in England were made by Sir David Milne-Watson, governor of the Gas, Light and Coke Company. The American party was arranged by Albert E. Marshall, former president of the American Institute of Chemical Engineers, who was prevented by illness from accompanying the party.

More than sixty delegates, some accompanied by their families, were in the group which left New York and Boston aboard the Cunard-White Star liner Samaria, June 12, including:—

P. S. Barnes, the Pfaudler Company; R. I. Bashford, Atlas Powder Company; J. L. Bennett, Hercules Powder Company; Ernst Berl, Carnegie Institute of Technology; E. K. Bolton, E. I. du Pont de Nemours & Co.; C. F. Bonilla, College of the City of New York; Urban E. Bowes, Owens-Illinois Glass Company; Clete L. Boyle, Industrial Chemical Products Company; G. G. Brown, University of Michigan; W. E. Burkhard, Merck & Co.; A. D. Chambers, E. I. du Pont de Nemours & Co.; C. E. Coates, University of Louisiana; J. N. Compton, Carbide & Carbon Chemical Corporation, B. F. Dodge, Yale University; Gaston duBois, Monsanto Chemical Company; W. W. Duecker, Mellon Institute of Industrial Research.

Gustav Egloff, Universal Oil Products Company; F. R. Eldred, Reed & Carnrick; Carleton Ellis, Ellis Foster Company; Andrew M. Fairlie; W. W. Farnum, Naval Powder Factory; F. C. Frary, Aluminum Company of America; H. C. Graebner, Dupont Fabrikoid Company; J. Stuart Groves, E. I. du Pont de Nemours & Co.; Ivan Gubelmann, E. I. du Pont de Nemours & Co.; Adolph Harvitt, Magnetic Pigments Company; H. H. Heller, Kimberly Clark Corporation; Arthur W. Hixson, Columbia University; Irving Hochstadter, Hochstadter Laboratories; Webster N. Jones, Carnegie Institute of Technology; C. M. Joyce, du Pont Viscoloid Company.

Victor L. King, Calco Chemical Company; S. D. Kirkpatrick, Chemical & Metallurgical Engineering· Kenneth H. Klipstein, Calco Chemical Company; Chester L. Knowles, the Dorr Company; J. W. Livingston, Monsanto Chemical Company; Henry N. Lyons, Cities Service Company; Herbert Mahr, E. I. du Pont de Nemours & Co.; Arthur McClain, Atlas Powder Company; J. J. Morgan, Columbia University; Harold R. Murdock, Champion Fiber Company; R. L. Murray, Hooker Electrochemical Company; Albert B. Newman, Cooper Union; George Oenslager, B. F. Goodrich Company; Fred Olson, Western Cartridge Company; J. C. Olsen, Brooklyn Polytechnic Institute; Donald F. Othmer, Brooklyn Polytechnic Institute.

Frank Pollock, Atlas Powder Company; J. T. Power, Atlas Powder Company; Mark E. Putnam, Detroit Testing Laboratory; E. E. Randolph, N. C. State College; E. G. Robinson, Kinetic Chemicals, Inc.; J. L. Schueler, Continental Steel Corporation; F. D. Snell, Foster D. Snell, Inc.; Arthur L. Stern, Pulverizing Machinery Company; Earl Stevenson, Arthur D. Little, Inc.; Stephen L. Tyler, Thermal Syndicate, Ltd.; James G. Vail, Philadelphia Quartz Company; W. G. Whitman, Massachusetts Institute of Technology; R. I. Wishnick, Wishnick-Tumpeer, Inc.; James R. Withrow, Ohio State University; Hood Worthington, E. I. du Pont de Nemours & Co.

Price-Discrimination Prohibitory Bill Passed By Congress in Composite Form

Act Sent to President Contains Borah Criminal Clause—F.T.C. Authorized to Fix Bases For Quantity Discounts

WASHINGTON, June 18, 1936.

The senate today agreed to the conference report on the Robinson-Patman-Borah-Van Nuys price-discrimination bill, thus completing legislative action and sending the measure to the White House for signature.

The bill, which has been the object of controversy throughout the session, amends section 2 of the Clayton antitrust act to prohibit various specified schemes of price discrimination. It was vigorously championed by many groups of independent merchants, including the National Association of Retail Druggists, but many of its provisions were opposed by other business interests.

As passed, the measure is a consolidation of the Robinson-Patman bill and the Borah-Van Nuys bill on the same subject, and critics contend that combination of the two bills results in ambiguity and contradiction which will entail much litigation. Inclusion of the Borah bill makes the Clayton act a criminal statute, whereas previously it has contained only civil penalties. The final form retains the provision that the Federal Trade Commission may fix maximum limits on which quantity discounts may be granted.

The sections of the amendment, which state the prohibitory provisions added to the Clayton act, are as follows:—

"Section 2. (a). That it shall be unlawful for any person engaged in commerce, in the course of such commerce, either directly or indirectly, to discriminate in price between different purchasers of commodities of like grade and quality, where either or any of the purchases involved in such discrimination are in commerce, where such commodities are sold for use, consumption, or resale within the United States or any Territory thereof or the District of Columbia or any insular possession or other place under the jurisdiction of the United States, and where the effect of such discrimination may be substantially to lessen competition or tend to create a monopoly in any line of commerce, or to injure, destroy, or prevent competition with any person who either grants or knowingly receives the benefit of such discrimination, or with customers of either of them: Provided, That nothing herein contained shall prevent differentials which make only due allowance for differences in the cost of manufacture, sale, or delivery resulting from the differing methods or quantities in which such commodities are to such purchasers sold or delivered: Provided, however, That the Federal Trade Commission may, after due investigation and hearing to all interested parties, fix and establish quantity limits, and revise the same as it finds necessary, as to particular commodities or classes of commodities, where it finds that available purchasers in greater quantities are so few as to render differentials on account thereof unjustly discriminatory or promotive of monopoly in any line of commerce; and the foregoing shall then not be construed to permit differentials based on differences in quantities greater than those so fixed and established: And provided further, That nothing herein contained shall prevent persons engaged in selling goods, wares, or merchandise in commerce from selecting their own customers in bona fide transactions and not in restraint of trade: And provided further, That nothing herein contained shall prevent price changes from time to time where in response to changing conditions affecting the market for or the marketability of the goods concerned, such as but not limited to actual or imminent deterioration of perishable goods, obsolescence of seasonal goods, distress sales under court process, or sales in good faith in discontinuance of business in the goods concerned.

"(b) Upon proof being made, at any hearing on a complaint under this section, that there has been discrimination in price or services or facilities furnished, the burden of rebutting the prima-facie case thus made by showing justification shall be upon the person charged with a violation of this section, and unless justification shall be affirmatively shown, the commission is authorized to issue an order terminating the discrimination. Provided, however, That nothing herein contained shall prevent a seller rebutting the prima-facie case thus made by showing that his lower price or the furnishing of services or facilities to any purchaser or purchasers was made in good faith to meet an equally low price of a competitor, or the services or facilities furnished by a competitor.

"(c) That it shall be unlawful for any person engaged in commerce, in the course of such commerce, to pay or grant, or to receive or accept, anything of value as a commission, brokerage, or other compensation, or any allowance or discount in lieu thereof, except for services rendered in connection with the sale or purchase of goods, wares, or merchandise, either to the other party to such transaction or to an agent, representative, or other intermediary therein where such intermediary is acting in fact for or in behalf, or is subject to the direct or indirect control, of any party to such transaction other than the person by whom such compensation is so granted or paid.

"(d) That it shall be unlawful for any person engaged in commerce to pay or contract for the payment of anything of value to or for the benefit of a customer of such person in the course of such commerce as compensation or in consideration for any services or facilities furnished by or through such customer in connection with the processing, handling, sale, or offering for sale of any products or commodities manufactured, sold, or offered for sale by such person, unless such payment or consideration is available on proportionally equal terms to all other customers competing in the distribution of such products or commodities.

"(e) That it shall be unlawful for any person to discriminate in favor of one purchaser against another purchaser or purchasers of a commodity bought for resale, with or without processing, by contracting to furnish or furnishing, or

(Continued on page 28)

Commodity Exchange Control Act Signed

WASHINGTON, June 16, 1936.

President Roosevelt today signed the commodity exchange act designed to expand the grain futures act of 1922 by bringing in additional commodities and enlarging the regulatory powers of the commission.

The act applies only to specified unprocessed agricultural commodities and does not affect futures trading in cottonseed oil, metals, rubber, gasoline, sugar and other things traded on various commodity exchanges. The grain futures act previously covered wheat, corn, oats, barley, rye, flax and sorghum. The new act changes the latter two terms to flaxseed and grain sorghums, and adds cotton, millfeeds, rice, butter, eggs and potatoes.

The commodity exchange commission is to be composed of the Secretary of Agriculture, Secretary of Commerce and Attorney-General, the three cabinet officers who administered the grain futures act, but the Secretary of Agriculture will be the executive officer and has extensive administrative powers without reference to the other members of the commission. The present Grain Futures Administration of the Department of Agriculture will be expanded to serve as the enforcement staff.

Tydings Bill Dead

WASHINGTON, June 18, 1936.

All chance of enactment of the Tydings fair trade enabling bill at this session of Congress was ended today when the house judiciary committee decided to hold no more meetings this year. The bill recently passed the senate and was referred to the house committee.

Sponsored by the National Association of Retail Druggists, the Tydings bill would permit States having resale price-maintenance laws to apply these laws to goods sold within their borders, which had been in interstate commerce or which were sold on contracts made in interstate commerce.

Oil Taxes Retained in Accepted Revenue Bill

WASHINGTON, June 18, 1936.

The full schedule of vegetable and marine animal oil taxes inserted by the senate in the new revenue bill was accepted by house conferees today.

The only changes were to remove the words, "unless denatured," as applied to rapeseed oil, thus making all rapeseed oil subject to the tax, and to eliminate the senate provision taxing palm oil used for treating tinplate. With these exceptions the conference committee accepted the senate provisions in the form in which printed in the REPORTER of June 8. It appeared likely tonight that the conference report would be approved by both house and senate and the bill finally enacted before the close of the week.

Tariff Board Publishes Changes in 1930 Duties

Changes made in import duties since the tariff act of 1930 have been conveniently tabulated by the United States Tariff Commission in a bulletin just issued.

The commodities affected as to duties by presidential proclamations, and trade agreements are listed by schedules and paragraphs of the tariff act. In addition the bulletin contains full information on taxes or imports provided for in the revenue acts passed and amended since 1930, also the tariff changes with respect to articles from the Philippines. Explanatory notes give the status of imports from Cuba and other information.

Copies of the bulletin—"Changes in Import Duties Since the Passage of the Tariff Act of 1930," second edition—may be procured from the Superintendent of Documents, Government Printing Office, Washington, at 10 cents each.

Pyrites deliveries in 1935, according to the Rio Tinto Company, amounted to 5,140,000 metric tons. Spain supplied 2,290,000 tons.

Drug Advertising Control Strengthened in Germany

Following months of intensive collaboration on the part of various official, professional, and trade bodies new legislation has been drawn up in Germany to go into effect August 1, 1936, for regulating all sales propaganda regarding medicinal preparations and treatments.

The new legislation, according to information received by the Department of Commerce from the consul at Frankfort-on-Main, is of a stricter nature than that heretofore in force and has the particular merit of coordinating into one unified national system all the various rulings heretofore in force in various political divisions of the country. It is based on composite considerations of public health and commercial practicability, and is designed to conserve and coordinate both of these major interests.

Among the chief features of the new legislation may be mentioned the following:—Advertising of all preparations harmful to health is expressly forbidden. Certain remedies, articles, processes, and treatments may be advertised only under certain clearly defined conditions. Stipulations are established for the general content and characteristics of all medicinal advertisements. Misleading publicity is forbidden. In the case of particularly serious diseases, medical advertising for dissemination among the lay population is subjected to severe restrictions, in contrast to propaganda intended solely for professional circles.

Violations of the law may involve fines up to 150 marks and even imprisonment in serious cases, in addition to withdrawal of the requisite permit for commercial propaganda issued by the National Advertising Council.

World Chemical Developments

Danish and Chilean interests are negotiating a barter arrangement under the terms of which Denmark will construct three large merchant vessels for a Chilean shipping concern in exchange for nitrate, the amount involved being approximately $2,400,000, according to information received by the Department of Commerce. The Danish Exchange Control Board is expected to approve the transaction. Denmark normally imports around 38,000 tons of Chilean nitrate, valued at about $1,300,000 annually.

The linseed oil substitute known as "El Firnis" recently developed in Germany is now in general use, and its production has been undertaken by 17 concerns throughout the country. The use of this substitute is expected to result in a heavy reduction in Germany's linseed oil requirements, around 65 percent of which normally go into the manufacture of paint products, according to a report to the Department of Commerce.

The gross weekly wage paid in the German chemical industry averages around 36 marks (approximately $14.40), as shown in an official German survey conducted in August, 1935, according to information received by the Department of Commerce from the American consul at Frankfort-on-Main. Skilled male workers receive a little more than 46½ marks ($18.60), unskilled male workers and apprentices almost 39 marks ($14.60), and female workers 22 marks ($8.80) per week. Male workers average around 45 hours per week against 42.6 hours for female operatives. Payrolls of all German chemical workers are subject to taxes and contributions for several purposes which average 4.65 marks ($1.80) or approximately 13 percent of the average weekly gross wage.

Skilled male workers in soap factories and coal tar dye plants receive the highest average weekly wage in the German chemical industry, followed by employees in fertilizer, photographic chemical plants, cosmetics, pharmaceutical, mineral pigment and paint, acids and heavy chemicals with the lowest average wage being paid to skilled explosive and munition workers.

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Heavy Chemicals

Soda Silicofluoride Shortage Acute—Competition Causes Reduction in Soda Hydrosulphite — Antimony Metal Quiet —Tin Salts Barely Steady — Arsenicals Active

Business in the market for the industrial chemicals held up fairly well, reflecting the contra-seasonal operations in certain consuming industries. However, it was quite evident that manufacturing consumers were covering for immediate needs only, anticipating a letdown in production activities after the turn of the new month. The market continued to be featured by the movement of chemicals to the agricultural area. Changes in the market included a reduction in the price for soda hydrosulphite and a fractional advance in soda silicofluoride.

Advance in the price for soda silicofluoride was not entirely confined to the past week, with the rise in the quotations coming as a result of the scarcity of the material. And this scarcity could be attributed to some extent to the small amount of material coming in from abroad as a result of the better condition of the market there as far as price was concerned, plus the fact that a broad demand has been noted here for some few months. Relief of the shortage is a matter of conjecture at this time, for the domestic output was not expected to be improved greatly until such time as the fertilizer trade gets into seasonal operations. And judging from the broad demand in evidence presently, the shortage has all the possibilities of extending well into the balance of the year.

Reduction in the price for soda hydrosulphite was due to the severe competition noted in that market in recent weeks, with sellers eliminating the differential existing between spot and contract. Antimony metal was quiet, with small quantities making up the call. Antimony derivatives continued at the price levels in effect previously. There was little to report in the tin market, with the salts displaying a barely steady tone as a result of the downward tendency in evidence in the basic metal. Copper continued firm, with blue vitriol moving out in good volume as the seasonal influence gathers momentum. Indications were that the volume of blue vitriol moved this year would surpass the seasonal call of recent years.

The market for the textile chemicals revealed an irregular trend as far as demand was concerned, and the prices for acetic acid were unchanged. The call for sulphuric acid was spotty. Business in chemicals entering the automobile industry was fair, but the cautious buying policy was evident. Chromic acid and nickel salt were firm. Steel mill operations were at 70 percent of capacity, the highest level in six years for this period of the year. Copperas was firm. Arsenicals continued to move out in good volume. Calcium chloride was in good demand for road stabilization work. Soda chlorate was active.

Alums.—The market for the commercial as well as the iron-free continued to experience an irregular demand, but the price tone remained steady to firm. The market for the ammonia and potash items was irregular also as far as demand was concerned, but the quotations remained steady.

Ammonia, Anhydrous.—A good inquiry was noted in this market again last week, with a good volume of the business coming into the market as a result of the seasonal influences, and a firm tone was in evidence. Producers reported sales were running ahead of the same period a year ago.

Ammonia Aqua. — Conditions here were much the same as the preceding period, with the call following a highly irregular trend, but the price tone held steady at previous levels.

Ammonia Perchlorate. — Betterment in demand was lacking during the week just closed, with the shipments moving out at well spaced intervals, but the price tone remained steady.

Ammoniac Sal.—Business here continued to follow an irregular trend, with the battery trade and other routine consumers covering for actual production wants, but the price tone remained firm.

Antimony. — The market for the metal continued quiet, with small quantities making up the call, and prices were regarded as steady at the levels in effect previously. Reports from the primary market indicated that the situation there underwent little change.

Antimony Oxide. — The market here continued to experience a fairly active demand from the ceramic industry, with the prices unchanged. Buying of the needle was irregular, but the prices noted a steady to firm price tone.

Arsenic. — This market continued to note a fairly active buying movement during the period just closed, with the shipments moving out at a pace reflecting seasonal influences, and prices were without change.

Barium Salts. — There was little to report in this market during the course of the week under survey, with the prices for nitrate and hydrate holding unchanged, although the call was highly irregular. Buying of the carbonate lacked improvement, with the shipments moving at a pace indicating consumers were covering for nearby needs. The call for the chloride was spotty.

Bleaching Powder.—Shipments were moving out at a good pace during the week just ended, with the buying coming from the usual channels of consumption, and the prices held unchanged. A good volume of business was reported on the books for delivery during the start of the third quarter.

Blue Vitriol.—Betterment in the call was shown for this material, with a representative inquiry coming from Pennsylvania and nearby states, and the total volume moved thus far for the year is ahead of the turnover for the same period a year ago. The price position of the market was firm, with a good portion of the firmness due to the presence of a similar tone in the basic metal.

Calcium Chloride. — Shipments were moving out in good volume for road stabilization work, and the prices were regarded as steady to firm. Business on the books for forward delivery was said to be fairly good.

Chlorine.—No slackening was shown in the call for this material during the week just closed, with the price tone continuing firm, and no change was uncovered in the quotations. The market price firmness could to some degree be explained by the good volume of business on the books for forward delivery.

Copper.—The market continued to display a firm tone, with sellers quoting 9½c. per pound. And demand was fairly active.

Copperas.—The market here continued to move at good pace, with the prices displaying a firm tone, for the surplus stock position favored the presence of a firm tone. Sellers were quoting the prices in effect previously. Steel mill operations were at 70 percent of capacity, the highest level for this period of the year in the past six years.

Feldspar.—Demand here continued fairly good from the ceramic industry and the quotations were steady to firm at the levels of the previous week.

Magnesium Silicofluoride. — Business held up fairly well throughout the week with the prices displaying a firm tone, and the firmness could be traced to the limited amount of material on hand.

Nickel Salt.—Platers were withdrawing a fair-sized volume of material here, with the shipments moving out at a fair clip as a result of the activity in the automobile industry, and the prices were regarded as steady to firm at the levels in force previously.

Potash Carbonate.—Demand here was fairly good, but it was quite apparent that consumers were inclined to purchase beyond actual wants, and quotations were without change.

Potash Caustic.—A good inquiry was noted for this material during the week just closed, with the prices displaying a decidedly firm tone. Demand came from the usual sources of consumption.

Potash Chlorate.—Match manufacturers continued to follow a conservative buying policy throughout the

Price Changes

Prices were changed during the past week as follows:—

Advanced

Soda silicofluoride, ½c. ber lb.

Reduced

Soda hydrosulphite, 1c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.3	153.3	153.3	153.1

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	99.4	99.4	99.3

Market news that may have developed after this report was sent to press will be found on page 2.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 4

week, with the prices displaying a firm tone.

Potash Titanium Oxalate.—This market was quiet throughout the week, with small quantities making up the call, and prices ruled unchanged.

Saltcake.—This market noted a fair demand from the glass and paper trades, with the prices displaying a steady to firm tone. Buying clearly indicated consumers were covering for nearby needs.

Soda Ash.—Producers reported the June tonnage has been encouraging, with some industries operating contrary to usual seasonal trends, and the quotations were firm.

Soda Caustic.—Throughout the week the market noted an irregular demand, but the prices ruled unchanged. Despite the effort consumers were making to cover for immediate needs only, producers reported the tonnage reached a substantial aggregate.

Soda Chlorate.—There was a good inquiry in evidence here, with the agricultural areas supplying the interest, and the price tone was firm at the levels in effect previously.

Soda Cyanide.—Demand from the plating trade was considered fairly good again last week, with the market displaying a firm tone, and prices were unaltered.

Soda Hydrosulphite.—This market was lower by 1c. per pound, with the sellers naming 17c. per pound, and the spot quotation was eliminated, which differential was formerly 1c. per pound. Competition of a keen nature was the cause for the reduction.

Soda Phosphate.—Business here continued at a fair pace throughout the week, with the regular channels of consumption supplying the call, and the prices for the di-basic as well as the tri-basic were about the same as the preceding week, although competition continued in evidence.

Soda Silicofluoride.—The market here was listed at 6¾c. to 7½c. per pound, with the material said to be in short supply, for it seems to be a matter of supply rather than price.

Tin Salts.—The market for the various tin salts was barely steady during the week, and this condition could be attributed to the situation in the basic metal market, with the price for Straits tin showing a downward tendency at times during the week. Tin crystals were listed at 34c. to 34½c. per pound, and tin anhydrous tetrachloride was priced at 23½c. per pound.

Acids

The market for the various acids moved through a week marked by an irregular demand, but the volume moved was surprisingly good for this period of the year. Manufacturing consumers apparently have resorted to the cautious buying policy of covering for immediate production wants only, with this conservative attitude resulting principally from the expectation of a slackening in certain industrial operations after the turn of the next month when seasonal influences will have gathered momentum. Sulphuric acid was unchanged. Steel mill operations were placed at 70 percent of capacity, and the automobile industry was working at a relatively high rate, but a slowing down in sales is generally expected with the passing of the July 4 holiday. Chromic acid was firm, and a similar tone was shown in the market for oxalic acid. Battery and boric acid markets were strictly routine. Acetic acid was unchanged.

Acetic.—There was a fair demand shown for this material at times during the week, and prices were held unchanged.

Battery.—Usual consumers showed little interest in material other than for actual wants, and a firm tone governed the dealings.

Boric.—Shipments were moving out in favorable fashion, with a representative volume of business on the books for forward delivery, and prices were firm.

Chromic.—This market offered little change during the week, with a fair demand being placed by the plating trade, and quotations were firm.

Formic.—Despite the mixed character of operations in the consuming quarters, the market experienced a fair demand, and prices were well sustained.

Lactic.—This market offered little change, with the possible exception that demand was a pace better from certain consuming channels, due to seasonal influences and prices were well held.

Hydrocyanic.—Shipments continued to move out to the agricultural areas in good volume, with the prices holding firm.

Muriatic.—What with conservative buying apparently the rule in all quarters of the market, there was little to report here, with shipments moving out in moderate volume and prices holding firm.

Nitric.—A favorable interest was disclosed on the buying side of this market at intervals during the week, and a firm tone was in prominence.

Oxalic.—A good demand was reported for this material, with the buying originating in the usual quarters of consumption, and prices were well held.

Sulphuric.—This market continued to experience a highly irregular demand, with the shipments moving forward in moderate volume. The steel industry was reported at 70 percent of capacity and the automobile industry was operating at fairly high levels, but it was noted that consumers were practicing a very conservative policy in all quarters, with a portion of this caution due to the anticipation of a letdown in production schedules after the turn of the new month.

BALTIMORE, June 17.—With the representative men in the fertilizer trade here back from the annual convention at White Sulphur Springs, the market for crude fertilizer materials is receiving more attention than was bestowed upon it prior to the meeting, though without imparting substantially greater activity to it. Quiet continues to prevail as to sulphuric acid, and the figures quoted are nominally unchanged, standing at $12 per ton for 60 degree acid and at $15 per ton for 66 degree acid. These prices, of course, are subject to some variations, dependent upon the conditions that attend individual transactions, but they afford a guide to the prevailing trend. Makers of fertilizer mixtures, of course, are not taking up acid in large quantities, other industries being rather more impressive factors in the trade. Oleum also is just about holding its own, under a narrow movement, with the level of values at approximately $16.82 per ton for 20 percent stocks.

Insecticides

The market for the agricultural insecticides and fungicides noted a broad demand during the week just closed. Consumers were placing a representative seasonal call, with indications that the shipments would exceed the previous season, and prices generally were steady to firm. Arsenicals continued firm. The weather crop report issued by the government stated that in the cotton belt temperatures averaged slightly above normal rather generally. Moderate to substantial showers occurred in many places from Alabama eastward and northeastward, but from the Mississippi Valley States westward the week was nearly rainless, except in a few places. Lime sulphur solution noted a steady tone.

Bordeaux Mixture.—Demand continued fairly good during the week, with the prices holding firm.

Calcium Arsenate.—This market noted a broad demand during the week, and a firm tone was in prominence.

Lead Arsenate.—A good inquiry continued to be shown for this material, and sellers were holding to previously established prices.

Lime Sulphur Solution.—Demand held up fairly well during the period under review, with a firm tone noted.

American Cyanamid Buys Harrison Refining Co.

The American Cyanamid & Chemical Corporation reports the acquisition of the business of the Harrison Refining Company, of New York and Belleville, N. J., refiner of waxes and manufacturer of "Iso-Beeswax," U.S.P., flaked white beeswax, and flaked ceresin.

The business will be conducted as the Harrison Refining Division of the American Cyanamid & Chemical Corporation with the same personnel and same high standards of production as heretofore. This makes available to the trade the advantages of the combined resources, research and experience. All communications should be addressed to the Harrison Refining Division of the American Cyanamid & Chemical Corporation, 350 Madison avenue, this city, as in the past.

Chemical Salesmen's Golf

The Chemical Salesmen's Association initial golf tournament for this season was held at Baltimore Golf Club, Short Hills, N. J., June 16, with 89 participants. Prizes were awarded to following:—Class A, Charles E. Kelley, of Hagerty Bros.; F. M. Moffat, jr., of the U. S. Industrial Alcohol Company; E. A. Orem, of E. I. du Pont de Nemours & Co. Class B, J. J. Kerrigan, of Merck & Co.; T. S. Nichols, of the Grasselli Chemical Company; M. D. Reisser, of the Howe Publishing Company. Kicker's handicap prizes went to E. S. Burke, of the Edward S. Burke Company; Walter Buehler, of the Barrett Company; U. A. Hermann, of the General Dyestuff Company; R. E. Dorland, of Dow Chemical Company. Ruppert Lowe, of the Bakelite Company, turned in the card with the lowest number of putts. Hole in one was achieved by R. L. Harmon, of Evans, Nye & Harmon. Kicker's handicap prize for guests was won by J. T. Tuttle, of the International Ink Company The next tournament will be held July 14 at North Hills, Douglaston, L. I. B. J. Gogarity, of the Comercial Solvents Corporation, is chairman of the entertainment committee.

Carbon bisulphide production in Japan in 1935 was approximately 60,000 metric tons. This total was substantially larger than that for 1934 because of increased consumption in the manufacture of rayon.

DIAMOND 76% Actual Test
CAUSTIC·SODA

For that ideal balance of strength and uniformity so important in the refining of vegetable and mineral oils, specify Diamond 76% Caustic Soda, guaranteed to contain over 76 units actual sodium oxide . . . a standard of quality and full strength throughout the chemical industry.

DIAMOND ALKALI COMPANY
PITTSBURGH *and Everywhere*

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Bids and Awards

Bids Wanted

Acetylene and Oxygen

Army Air Corps, Wright Field

Bids are wanted by July 1, circular 993, by the Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O., for 60,000 cubic feet of oxygen for welding, 400 cylinders of dry oxygen, 48,000 cubic feet of acetylene gas, and 30,000 pounds of liquid carbon dioxide.

Lighthouse Service, Staten Island

Bids are wanted by June 23, procurement 51526, by the Superintendent of Lighthouses, Staten Island, N. Y., for 15,000 cubic feet of oxygen, as required during the period July 1 to December 31.

U. S. Engineers, Memphis

Bids are wanted by June 26, circular 353F, by the U. S. Engineer Office, P. O. Box 97, Memphis, Tenn., for 400,000 cubic feet of oxygen gas and 200,000 cubic feet of acetylene gas.

U. S. Engineers, Wilmington

Bids are wanted by June 23, circular 129, by the U. S. Engineer Office, Customs House, Wilmington, N. C., for 35,000 cubic feet of oxygen, and 12,000 cubic feet of acetylene.

Alum

U. S. Engineers, Fort Peck

Bids are wanted by June 25, circular 664, by the U. S. Engineer Office, Fort Peck, Mont., for 120,000 pounds of purified ground alum.

Asphalt

Treasury Department, Raleigh

Bids are wanted by June 25, procurement 8-158-60, by the State Procurement Officer, Treasury Department, Raleigh, N. C., for 7,000 gallons of asphalt emulsion.

Candles

Quartermaster Corps, Jeffersonville

Bids are wanted by June 25, circular 318, by the Contracting Officer, Quartermaster Corps, Jeffersonville, Ind., for 12,000 pounds of stearic-acid and paraffin candles.

Quartermaster, Camp Dix

Bids are wanted by June 16, circular 93, by the Quartermaster, Camp Dix, N. J., for 3,000 pounds of liquid chlorine.

Dope

Navy Department, Washington

Bids are wanted by June 26, schedule 8193, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 2,000 gallons of nitrocellulose dope for Philadelphia.

Fuel Oil

Army Supply Base, Brooklyn

Bids are wanted by June 25, circular 346, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y., for 40,000 barrels of bunker C fuel oil.

U. S. Engineers, St. Louis

Bids are wanted by June 24, circular 287, by the U. S. Engineer Office, Court and Custom House, St. Louis, Mo., for 15,000 barrels of fuel oil.

U. S. Engineers, Chicago

Bids are wanted by June 25, circular 126, by the U. S. Engineer Office, Post Office building, Chicago, Ill., for supplies of gasoline and oil as required during the period July 1 to August 29.

U. S. Property Officer, Boston

Bids are wanted by June 23, circular 5, by the U. S. Property and Disbursing Officer, State House, Boston, Mass., for 20,000 gallons of gasoline and 700 gallons of lubricating oil.

Grease

District Government, Washington

Bids are wanted by June 23, by the Commissioners, District Government, Washington, for supplies of grease.

Ink

Department of Commerce, Washington

Bids are wanted by June 25, procurement 28047, by the Division of Purchases and Sales, Department of Commerce, Washington, for 500 pounds of lithographic magnesia ink, white.

Lithographic Varnish

Government Printing Office, Washington

Bids are wanted by June 24, by the Purchasing Agent, Government Printing Office, Washington, for 1,500 pounds of lithographic varnish.

Nitrocellulose

Picatinny Arsenal, N. J.

Bids are wanted by June 30, circular 439, by the Commanding Officer, Picatinny Arsenal, N. J., for 210,000 pounds, dry weight, of nitrocellulose.

Paint and Varnish

Army Supply Base, Brooklyn

Bids are wanted by June 24, circular 338, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y., for 500 gallons of white interior paint, 165 gallons of white enamel, and 282 gallons of white inside paint, and by June 26, circular 345, for 720 gallons of linseed oil, 480 gallons of linseed oil, 1,500 gallons of inside paint, 360 gallons of turpentine, and 1,500 gallons of interior paint.

Quartermaster, Fort Barrancas

Bids are wanted by June 26, circular 51, by the Quartermaster, Fort Barrancas, Fla., for 1,000 pounds of white lead, 500 pounds of red lead, 300 pounds of zinc oxide, 24 gallons of ready mixed paint, 20 gallons of enamel, 50 gallons of boiled linseed oil, 10 gallons of water-resisting spar varnish, and 15 gallons of liquid metal polish.

Treasury Department, Washington

Bids are wanted by June 25, procurement 275-S, by the Purchase Division, Bureau of Supply, Treasury Department, Washington, for 200 gallons of japan drier, 2,000 gallons of raw linseed oil, 24 cans of lampblack in oil, 1,400 pounds of dry shellac, and 800 gallons of turpentine.

Salt

Quartermaster, Carlisle Barracks

Bids are wanted by June 25, circular 64, by the Quartermaster, Carlisle Barracks, Pa., for 560,000 pounds of salt for water-softening.

U. S. Hospital, Springfield, Mo.

Bids are wanted by June 25, procurement 189, by the Chief Clerk, U. S. Hospital for Defective Delinquents, Springfield, Mo., for 60,000 pounds of crushed rock salt.

Shellac

Navy Department, Washington

Bids are wanted by July 1, schedule 900-9715, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 50,000 pounds of orange shellac for Norfolk and 15,000 pounds of orange shellac for Mare Island.

Soap and Cleaner

Quartermaster, West Point

Bids are wanted by June 29, circular 64, by the Quartermaster, West Point, N. Y., for supplies of soap powder and toilet soap.

Soda Sulphide

Treasury Department, Cheyenne

Bids are wanted by June 24, procurement 1041, by the State Procurement Officer, Treasury Department, City and County building, Cheyenne, Wyo., for 12 hundredweight of soda sulphide flakes.

Vitriol

Frankford Arsenal, Pa.

Bids are wanted by June 30, circular 545, by the Commanding Officer, Frankford Arsenal, Pa., for 30,000 pounds of oil of vitriol.

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THE
STANDARD
OF QUALITY
HEAVY RETURNABLE
AND
LIGHT SHIPPING
PLAIN STEEL HOT GALVANIZED
STAINLESS STEEL PURE NICKEL
HOT DIP TINNED MONEL METAL
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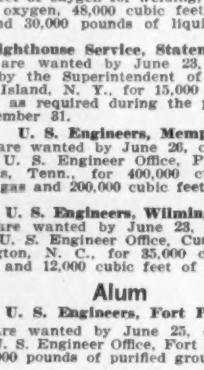

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Coaltar Dyes and Chemicals Output 1935

Coaltar Intermediates

Production and Sales, 1935

(Continued from page 22)

	Total production. Pounds.	Sales. Pounds.	Sales. Value.	Unit value.
Diphenylepsilon acid	32,400	.....	.....	...
Ethylbenzylanilinsulphonic acid	324,000	.....	.....	...
b-Hydroxynaphthoic acid	911,000	332,000	370,000	1.11
Metanilic acid	569,000	.....	.....	...
Naphthalene, solidifying at 79° C. or above (refined, flake)	46,528,000	28,724,000	1,210,000	.04
1:3-Naphthalenedisulphonic acid	197,000	.....	.....	...
2:7-Naphthalenedisulphonic acid	64,700	.....	.....	...
a-Naphthol	923,000	557,000	295,500	.53
1-Naphthol-5-sulphonic acid	91,800	.....	.....	...
2-Naphthol-6-sulphonic acid (Schaeffer's acid)	173,000	16,900	7,100	.42
2-Naphthol-7-sulphonic acid	.....	19,000	22,600	1.14
2-Naphthol-3:6-disulphonic acid	582,000	214,000	82,700	.39
2-Naphthol-6:8-disulphonic acid	1,243,000	.....	.....	...
a-Naphthylamine	2,986,000	.....	.....	...
b-Naphthylamine	1,008,000	.....	.....	...
1-Naphthylamine-5-sulphonic acid (Laurent's acid)	160,000	.....	.....	...
1-Naphthylamine-6 and 7-sulphonic acid (Cleve's acid)	149,000	.....	.....	...
1-Naphthylamine-8-sulphonic acid	372,000	.....	.....	...
1-Naphthylamine-4:8-disulphonic acid	289,000	.....	.....	...
1-Naphthylamine-3:6:8-trisulphonic acid	4,417,000	.....	.....	...
2-Naphthylamine-1-sulphonic acid (Tobias acid)	834,000	434,000	291,000	.67
2-Naphthylamine-4:8-disulphonic acid	101,000	.....	.....	...
Nitroaminophenol	156,000	.....	.....	...
m-Nitroanilin	98,300	92,900	52,300	.56
p-Nitroanilin-o-sulphonic acid	63,200	.....	.....	...
Nitrobenzene	48,171,000	3,045,000	231,000	.08
Nitrobenzenesulphonic acid	.....	37,500	14,800	.39
p-Nitrochlorobenzene-o-sulphonic acid	228,000	.....	.....	...
Nitrosophenol	555,000	.....	.....	...
p-Nitrotoluene-o-sulphonic acid	980,000	.....	.....	...
m-Nitro-p-toluidin	574,000	539,000	686,000	1.27
Oxalyl-m-phenylenediamine	17,100	.....	.....	...
Phenol	43,418,000	34,575,000	3,430,000	.10
Phenyl-2-amino-5-naphthol-7-sulphonic acid (phenyl J acid)	59,900	.....	.....	...
m-Phenylenediamine	834,000	.....	.....	...
m-Phenylenediaminesulphonic acid	128,000	.....	.....	...
Phenylglycine, sodium salt	6,240,000	.....	.....	...
Phenyl-1-naphthylamine-8-sulphonic acid	305,000	.....	.....	...
Phthalic acid and anhydride	23,421,000	17,932,000	2,105,000	.12
Primuline, base	211,000	.....	.....	...
Sulphanilic acid	2,264,000	.....	.....	...
Tetramethyldiaminodiphenylmethane	680,000	.....	.....	...
Thiocarbanilide	245,000	138,000	29,900	.22
Tolidine and salts	253,000	.....	.....	...
o-Toluidinesulphonic acid	122,000	.....	.....	...
p-Tolyl-o-benzoic acid	120,000	.....	.....	...
m-Tolylenediamine	975,000	288,000	179,000	.62
Xylidine (ortho and para)	17,709	.....	.....	...

Coaltar Medicinals*

Production and Sales, 1935

	Total production. Pounds.	Sales. Pounds.	Sales. Value.	Unit value.
Total medicinals	10,023,000	8,950,000	$8,372,000	$0.94
Acetanilide U.S.P.	498,000	382,000	79,000	.21
Acetylsalicylic acid (aspirin)	4,052,000	3,884,000	2,170,000	.56
p-Aminobenzoyldiethylaminoethanol (procaine)	10,143	9,737	242,885	24.89
Arsphenamine	277	272	33,299	122.42
Phenobarbital	88,000	75,000	463,000	6.17
Dyes, medicinal	42,500	35,200	1,269,000	36.05
Ethyl-p-amino benzoate (benzocaine) (anesthesine)	8,318	8,396	31,520	3.75
Magnesium salicylate	4,420	.....	.....	...
Neoarsphenamine	5,666	5,218	810,840	155.39
Salicylic acid, U.S.P.	2,521,000	1,832,000	526,000	.29
Sulphoarsphenamine	210	216	44,430	205.69

* For synthetic medicinals of non-coaltar origin, see table below.

Photographic Chemicals

Production and Sales, 1935

	Total production. Pounds.	Sales. Pounds.	Sales. Value.	Unit value.
Total photographic chemicals	1,170,000	967,000	$1,097,000	$1.13
Hydroquinol	769,000	747,000	554,000	.74

Coaltar Flavors

Production and Sales, 1935

	Total production. Pounds.	Sales. Pounds.	Sales. Value.	Unit value.
Totals	2,212,000	2,219,000	$2,095,000	$0.94
Coumarin (synthetic)	133,000	139,000	361,000	2.60
Ethyl benzoate	1,283	1,743	1,725	.99
Methyl salicylate	1,544,000	1,523,000	471,539	.31
Vanillin	235,000	258,000	769,000	2.98

Coaltar Perfume Materials

Production and Sales, 1935

	Total production. Pounds.	Sales. Pounds.	Sales. Value.	Unit value.
Totals	2,152,000	1,861,000	$1,076,000	$0.58
Acetophenone	7,232	.....	.....	...
Amylcinnamic aldehyde	32,500	32,800	67,000	2.04
Amyl salicylate	38,200	41,600	21,800	.52
Benzophenone	13,900	12,800	13,200	1.04
Benzyl alcohol	114,000	112,000	62,000	.55
Benzyl butyrate	306	127	232	1.83
Diethyl phthalate	934,000	792,000	143,000	.18
Dimethyl phthalate	126,000	124,000	25,000	.20
Musk ketone	.....	6,207	29,946	4.82
Musk xylol	68,000	49,000	62,000	1.27
Phenylethyl alcohol	135,000	109,000	279,000	2.56

Synthetic Coaltar Resins*

Production and Sales, 1935

	Total production. Pounds.	Sales. Pounds.	Sales. Value.	Unit value.
Totals†	89,473,000	64,641,000	$12,191,000	$0.19
Derived from phenol	35,257,000	33,666,000	6,154,000	.18
Derived from phenol and/or cresols	10,418,000	.....	.....	...
Derived from phthalic anhydride	34,123,000	15,648,000	3,440,000	.22
Derived from cresols or cresylic acid	5,990,000	.....	.....	...
Derived from xylenols	246,000	235,000	37,000	.16
Derived from maleic acid, sulphonamides (santolites), styrol, xylenols and cresols	3,439,000	2,957,000	398,000	.13

* For synthetic resins of non-coaltar origin, see table below.
† Does not include resins derived from coumarone and indene.

Miscellaneous Coaltar Products

Production and Sales, 1935

	Total production. Pounds.	Sales. Pounds.	Sales. Value.	Unit value.
Totals, miscellaneous	49,952,000	40,250,000	$13,125,000	$0.33
Chloropicrin	250,000	.....	.....	...
Naphthol AS series	474,000	376,000	709,000	1.89
Rapid fast colors	104,000	103,000	121,000	1.17
Rubber chemicals—				
Accelerators—				
Aldehyde-amine	2,046,000	1,571,000	562,000	.36
Others	8,887,000	5,276,000	2,583,000	.49
Totals	10,933,000	6,847,000	$3,145,000	$0.46
Antioxidants—				
Totals	11,205,000	7,770,000	2,675,000	.34
Other rubber chemicals—				
Diphenyl guanidine	1,221,000	1,296,000	428,000	.33
Textile assistants	1,648,000	1,657,000	502,000	.30

(To Be Continued)

Coaltar Chemicals

Cresylic Acid Continues in Short Supply — Creosote Oil in Fair Demand — Crude Naphthalene Quiet — Toluol, Xylol and Solvent Naphtha Firm—Anilin Oil Active

Business in the market for the coaltar products continued fairly active during the week just closed. And the in evidence as a result of the very in evidence as a result of the unfavorable operating ratio in certain consuming industries. The market was featured by a broad demand for cresylic acid, the shortage of which continued unrelieved. Coaltar intermediates and colors noted a steady to firm tone.

Synthetic resin makers and other usual consumers continued to withdraw against contracts at a pace sufficient to absorb the current production of cresylic acid. As a result of this situation as far as supplies were concerned the market was in a nominal price position. However, the situation did not appear to be one of price, but rather a question of supplies. Phenol was in good request, with the price displaying a decidedly firm tone. Synthetic resin trade, pharmaceutical manufacturers and dyestuff intermediate makers as well as the petroleum industry were good takers of phenol.

The situation as far as benzol was concerned was much the same as the preceding period. The position of the benzol market as far as the immediate future was concerned hinged on the continuance of high production rates in consuming industries, for present indications were that the by-product output would run counter to the usual seasonal trend. April output, for instance, was higher than the March total, a condition not usually experienced, and the steel operating ratio continued high; in fact, the rate is the highest for this period of the year in the past six years, being 70 percent of capacity, comparing with 38 percent in the corresponding period a year ago. The current position of the market was regarded as steady, inasmuch as the takings of the usual consumers continued representative, and stocks on hand were not too plentiful.

The market for naphthalene continued firm as far as price was involved, for stocks on hand here and abroad were not of a sizeable nature, with the decline in the takings of the refiners offset to a good extent by the continuance of a broad demand from other channels of consumption. Creosote oil demand was good, with the surplus stock position of the market favorable to the presence of a firm tone. And the call for toluol, solvent naphtha and xylol was broad. Anilin oil shipments as well as betanaphthol and phthalic anhydride held up well. The lighter shades in the market for the colors continued in prominence.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

None.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.4	126.4	126.4	122.6

Market news that may have developed after this report was sent to press will be found on page 2.

Basic Products

Benzol.—Business in this market was considered fair during the week just closed. However, it was quite evident that consumers were purchasing quantities sufficient to cover only immediate production requirements, a factor tending to slow the market at times. Prices were unchanged at the levels in force previously, and the buying originated in the rubber tire industry as well as other routine sources of consumption. Steel operations started the week at 70 percent of capacity, against 69.5 percent in the previous period, according to the American Iron and Steel Institute. A month ago operations were at 69.4 percent of capacity and a year ago at 38.3 percent of capacity. Iron Age reported that the ruse to cover steel requirements at second quarter prices was responsible for the lift in the operating ratio, with last week noting the highest level on record for this period of the year in the past six years.

Creosote Oil.—A representative inquiry continued to be placed in this market by the regular consumers, with seasonal influences playing a prominent part, and the quotations were steady to firm. The position of the market as far as surplus stocks was concerned continued to be favorable to the presence of a firm tone.

Cresylic Acid.—The volume of business transacted for routine account was sufficient to absorb the current production as well as the volume imported, with the result the condition whereby inquiries could not be filled was unrelieved, with the major portion of the buying coming from the synthetic resin industry. Prices were strictly nominal, for it appeared to be question of supplies rather than price.

Naphthalene.—A good demand continued to be noted for this article at times during the week, but it was evident that refiners were purchasing less, for the seasonal demand for the finished article was approaching a close. The prices for the refined material were firm. The call for the crude article from other directions was fairly good and prices were about the same as the preceding period.

Phenol.—Shipments went forward in consistent fashion during the course of the period under survey, with the prices displaying a firm tendency. And the synthetic resin trade, petroleum and dyestuff intermediate makers as well as the pharmaceutical industry furnished the major portion of the interest. Prices were without change.

Solvent Naphtha.—The market for the industrial water white commodity continued to experience a good call, with the shipments equivalent to the actual production, and the prices were held at the levels of the preceding period. Business in the high flash article was good and quotations were firm.

Toluol.—This market continued to experience a good call, with the buying totaling an aggregate reaching the level of current production, and this sizable contract buying naturally left the spot market without supplies, but the price was unchanged. The automobile industry continued to operate at a good level for this period of the year.

Xylol.—Demand here continued at a good pace, with the market featured by a decidedly firm tone.

CHICAGO, June 18.—Coaltar bases remain subject to fairly good call as a class, with certain minor irregularities. Benzol prices are still somewhat irregular and unsteady, with prices about as for some time lately. Automotive demand for materials for car finishes is not quite so keen as recently. Ruling prices exclusive of tax are:—Benzol, 90 percent, 17c. to 18c. per gallon; motor benzol, 12c. to 13c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 12½c. to 13½c.

Coaltar Acids

Anthranilic. — Routine buying made up the call in this market during the week, and prices ruled firm.

Benzoic. — Although demand showed little improvement, with the consumers ordering out for nearby requirements only, sellers reported prices were steady to firm.

Cleve's.—Shipments here were moving out at a slow pace, but the market retained a firm appearance.

Picric. — A fair inquiry was noted for this product, with the price position of the market holding unchanged.

Salicylic. — Demand here showed little change during the week, with the market displaying a steady to firm tone, for consumers continued to cover for immediate wants.

Sulphanilic. — Little change was shown in this market, with the call reflecting an inclination on the part of consumers to cover when such needs were urgent, and prices held unaltered.

Other Intermediates

Alphanaphthol. — Quiet prevailed in this market during the course of the week under review, with the prices holding steady to firm.

Benzidin Base. — Nothing new was uncovered in this market, with the demand restricted to small quantities, but the price tone remained firm.

Betanaphthol. — This market continued to be the recipient of a broad demand, with the consumers withdrawing full contract allotments, and the market retained a decidedly firm undertone.

Dinitrotoluene. — Usual consumers supplied a good interest in this market during the period under survey, with the shipments moving out at a consistent pace, and the prices were decidedly firm.

Methylanthraquinone. — The condition of this market was unchanged during the week, with the shipments

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 4

CHEMICALS

BARRETT

Barrett

COKE OVEN
LIGHT OIL
DISTILLATES

SHORT
BOILING
RANGES

Short boiling range at desired temperatures promotes quick completion of evaporation or drying processes and reduces loss of solvent in recovery operations. Close and careful cutting provides extremely short boiling ranges of Barrett Coal-tar Solvents. This holds true for coal-tar solvents of both low and high initial points.

Barrett Coke Oven Light Oil Distillates include Benzols, Toluols, Xylols, Solvent Naphtha and Hi-Flash Naphtha with a wide range of initial and end points. Write for our convenient specification chart and for complete information on Barrett Coal-tar Solvents. Inquiries for special solvents are invited and will receive the careful attention of experts in the manufacture and use of coal-tar solvents.

BENZOL
TOLUOL
XYLOL
SOLVENT NAPHTHA
HI-FLASH NAPHTHA

THE TECHNICAL SERVICE BUREAU of The Barrett Company invites your consultation with its technically trained staff, without cost or obligation. Address The Technical Service Bureau, The Barrett Company, 40 Rector Street, New York.

THE BARRETT COMPANY
40 Rector Street, New York, N. Y.

moving out in fair volume, and the prices were well sustained.

Monoethylanilin.—This situation was much the same as the preceding period, with the regular consumers covering when needs reached an urgent stage, and the quotations were without alteration.

Orthotoluidin. — A good demand was reported for this material at times during the week, and quotations were decidedly firm.

Phthalic Anhydride. — A broad buying movement continued in evidence for this material, with the market overshadowed by a decidely firm price tone, and sellers were asking quotations in force previously.

Schaeffer's Salt. — Despite the dull character of demand, the market retained a firm tone.

Coaltar Colors

The market for the coaltar colors continued to experience an irregular demand, with the irregularity in the call resulting from the mixed character of production schedules in the consuming industries. This mixed production rate reflected the seasonal curtailment taking place in some sections of the textile trade. The lighter shades continued as the prominent materials in demand, and the price tone in the market as a whole was regarded as steady to firm. It is believed in a good many quarters that the curtailment in production schedules in the domestic cotton cloth mills will be less than seasonal. The market for stains experienced a fairly active demand.

J&L LIGHT OIL DISTILLATES

PURE BENZOL
90% BENZOL
PURE TOLUOL · XYLOLS
SOLVENT NAPHTHA

JONES & LAUGHLIN STEEL CORPORATION
AMERICAN IRON AND STEEL WORKS
JONES & LAUGHLIN BUILDING, PITTSBURGH, PA.

Manganese Ass'n Fights Renewal of Russian Pact

WASHINGTON, June 18, 1936.

The Department of State has under consideration the renewal of the executive commercial agreement with Russia which expires July 13 and under which Russia receives the benefit of all duty reductions given to other countries in reciprocal trade agreements.

The Russian agreement is not a reciprocal trade agreement like those negotiated with several other nations, but is a one-year executive agreement which serves as a temporary working arrangement in the absence of a formal commercial treaty.

Opposition to renewal of the agreement has been filed with the Department of State by the American Manganese Producers Association, on the ground that it gives Russia the benefit of the reduced duty on manganese ore granted to Brazil under a reciprocal trade agreement with that country. The association, which bitterly fought the Brazilian agreement, suggests that renewal of the Russian modus operandi may cause Brazil to renounce her agreement because she gets few benefits from it in the way of American duty reductions beyond that on manganese.

Ault & Wiborg Wins Graining Plate Suit

The Circuit Court of Appeals has just concurred in the decision of the United States Court for the Eastern District of Michigan in favor of the Ault & Wiborg Corporation against the Oxford Varnish Company in the matter of Oxford contracting with licensees of its graining plates to use only Oxford varnishes, paints or other colors, or pay three times the royalty. Ault & Wiborg claimed that, as a competitor company in the making of varnishes, colors and fine industrial finishes, it was practically prevented from even soliciting the business of Oxford's licensees. It brought suit under the Clayton Act to have this method of doing business declared illegal. The lower court found that the practice tended to establish a monopoly, and was in restraint of trade, and enjoined the performance of the contract between Oxford and its licensees. This decision was appealed but has been upheld in the Circuit Court of Appeals.

Coaltar Dyes Strength Standards Issued

The Bureau of Customs published June 11 supplementary list No. 49 of proposed standards of strength of imported coaltar dyes. The list, which was approved December 26, 1935, is as follows:—

Standard No.	Class index.	Name of standard.	Mfr.	Partial list of trade-names of imported products commercially identical with each standard.	Mfr.
1 BP	(A)	Acid orange F	(S)	Acid orange F conc	(S.)
2 BP	(DAS)	Bleu acetoquinone N	(P)	Bleu acetoquinone NF	(Kuhl.)
3 BP	(D)	Chloramine blue HJ	(S)	Chloramine blue H J conc	(S.)
4 BP	(AS)	Chrysolin A	(IG)	Chrysolin N	(DH.)
5 BP	(A)	Erio fast red 2B	(G)	Erio fast red 2B conc. 1683	(G.)
6 BP	(A)	Erioglaucin X	(G)	Erioglaucin X high conc. 570	(G.)
7 BP	(AS)	Fast silk gold R	(G)	Neutral yellow RX 1234	(G.)
8 BP	(SV)	Indigosol scarlet IB	(DH)	Indigosol scarlet IB	(IG.)
9 BP	(A)	Polar brilliant red G	(G)	Polar brilliant red G 1956	(G.)
10 BP	(DAS)	Setacyl direct yellow GR	(G)	Sectacyl direct yellow GR supra 1367	(G.)
11 BP	(Sr)	Thional red brown 5R	(S)	Thional red brown 5R conc	(S.)
12 BP	(DR) (DS)	Visco blue G	(S)	Visco blue G conc	(S.)

Additional Names of Dyes Corresponding to Dyes Already Adopted as Standards

Standard No.	Class index.	Name of standard.	Mfr.	Partial list of trade-names of imported products commercially identical with each standard.	Mfr.
37	S 820 / C 1135	Algol brilliant violet R 12½% paste	(By)	Solanthrene brilliant violet NR paste and powder	(Kuhl.)
55	S 817 / C 1132	Algol yellow R 12½% paste	(By)	Solanthrene yellow N2J paste and powder	(Kuhl.)
129	(A)	Amido yellow E	(M)	Fast yellow HE	St. D.)
3 BF	(D)	Benzo chrome black blue B	(By)	Diazol chrome blue NR	(Kuhl.)
177	C 597	Benzo chrome brown R	(By)	Diazol chrome brown NR	(Kuhl.)
190	C 319	Benzo fast heliotrope BL	(By)	Direct light violet B highly conc.	(Kuhl.)
198	C 278	Benzo fast red 8BL	(By)	Direct light red 8B extra conc.	(Kuhl.)
223	S 503 / C 667	Brilliant acid green 6B	(By)	Fast acid green HG highly conc.	(P.)
233	C 325	Brilliant benzo violet B	(BY)	Diazol brilliant violet NB	(Kuhl.)
5 BF	(A)	Brilliant wool blue FFB extra	(IG)	Brilliant acid blue FFB highly conc.	(Kuhl.)
278	(DAS)	Celanese SRA golden yellow VIII 10% paste	(BC)	Jaune acetoquinone N2R	(Kuhl.)
				Acetoquinone yellow N2R	(Kuhl.)
7 BF	(DAS)	Celliton fast yellow G 20% paste	(IG)	Acetoquinone yellow N4J	(Kuhl.)
426	(D)	Diamine catechin B	(C)	Diazol catechin NB	(Kuhl.)
				Diazol catechin NBN	(Kuhl.)
9 BI	(AS)	Dianil yellow 5G	(IG)	Diazol brilliant yellow N5J	(Kuhl.)
542	(DAS)	Duranol red 2B, 10% paste	(BDC)	Acetoquinone gooseberry N	(Kuhl.)
608	S 512 / C 677	Fuchsin B crystals	(B)	Diamond fuchsin I	(IG.)
749	S 767 / C 1104	Indanthrene violet 2R extra 12½% paste	(B)	Solanthrene brilliant violet N2R pastes and powder	(Kuhl.)
925	C 430	Polar red RS conc	(G)	Neuter red for silk NB extra	(Kuhl.)
970	(D. d)	Rosanthrene fast Bordeaux 2BL	(J)	Diazamine light Bordeaux N2B	(Kuhl.)
14 BK	(DAS)	Setacyl direct red GBN	(G)	Setacyl direct red SGBN supra 1828	(G.)
980	S 496 / C 658	Setoglaucin	(G)	Methylene-turquoise NJ	(Kuhl.)
996	C 748	Sulpho rosazein B	(M)	Rhodamine brilliant acid NB extra cons	(Kuhl)
				Brilliant acid rhodamine NB ex. conc.	(Kuhl.)
1025	S 618 / C 815	Thioflavin TCN	(C)	Yellow methyl basique TCN extra	(St. C. du R.)
1042	S 362 / C 446	Toluylene orange R	(By)	Diazol brilliant orange NR	(Kuhl.)
1046	S 449 / C 561	Trisulphon brown B	(S)	Direct chloramine brown FS double conc	(Kuhl.)
				Direct chloramine brown FB extra conc	(Kuhl.)

Changes in Standard List

Acid orange F, conc. (S) listed under standard 592, alkali fast green 3 G (IG) listed under standard 832, cibacete black DGN (J) listed under standard 284, diazo brilliant scarlet B (IG) listed under standard 475, and indigosol blue IBC (IG) listed under standard 18 BN, are removed from the list.

CRESYLIC ACID 97-99% Pale

AMERICAN-BRITISH CHEMICAL SUPPLIES, Inc.
180 MADISON AVE. Telephones: Ashland 4-2265 and 4-2266 NEW YORK

Horace Bowker, chairman of the board of directors of the American Agricultural Chemical Company, sailed for a vacation at Capri, Italy, where he will remain until the end of August.

BUILDING UP YOUR MARKETS

KOPPERS AND THE Petroleum INDUSTRY

The Petroleum Industry uses large amounts of chemicals which result from coal carbonization. Among these are benzol to make gasolines anti-knock; inhibitors and anti-oxidants to prevent gum formation in gasolines; chemicals used in the solvent refining which provides better lubricating oils for high compression motors; chemicals for de-waxing oils and for coloring gasolines. The Petroleum Industry also uses many materials derived from coal tar in the construction and maintenance of its plants and grounds.

KOPPERS PRODUCTS CO.
PITTSBURGH, PENNSYLVANIA

1. Tarmac for Roads 2. Roofing Materials 3. Waterproofing Materials 4. Bituminous Paints 5. Creosote for Wood Preservation 6. Light Oils 7. Tar Acids

This is one of a series of advertisements which are appearing each week in Business Week, reaching 90,000 important business executives in this country. In these advertisements Koppers is pointing out ways in which certain groups of chemical products (which you manufacture) are serving each of a wide variety of industries.

Benzol, (all grades) ... Toluol, (Industrial and Nitration) ... Xylol, (10° and Industrial) ... Solvent Naphtha, (Including High Flash) ... Phenol, (82% and 90% Purity) ... Cresol, (U. S. P. Resin and Plasticizer Grades) ... 3° Meta Para Cresol ... Cresylic Acid, (Disinfectant Grades—98%, pale, low boiling) (Insecticide Grades—98%, pure, high boiling) ... Naphthalene ... Shingle Stain Oil ... Refined Tars ... Tar Acid Oils ... Pitch Coke.

Price-Discrimination Measure Is Passed

(Continued from page 23)

by contributing to the furnishing of, any services or facilities connected with the processing, handling, sale, or offering for sale of such commodity so purchased upon terms not accorded to all purchasers on proportionally equal terms.

"(f) That it shall be unlawful for any person engaged in commerce, in the course of such commerce, knowingly to induce or receive a discrimination in price which is prohibited by this section."

Section 3. It shall be unlawful for any person engaged in commerce, in the course of such commerce, to be a party to, or assist in, any transaction of sale, or contract to sell, which discriminates to his knowledge against competitors of the purchaser, in that, any discount, rebate, allowance, or advertising service charge is granted to the purchaser over and above any discount, rebate, allowance, or advertising service charge available at the time of such transaction to said competitors in respect of a sale of goods of like grade, quality, and quantity; to sell, or contract to sell, goods in any part of the United States at prices lower than those exacted by said person elsewhere in the United States for the purpose of destroying competition, or eliminating a competitor in such part of the United States; or, to sell, or contract to sell, goods at unreasonably low prices for the purpose of destroying competition or eliminating a competitor.

A little doubt has been raised regarding the status of co-operative wholesale houses by the elimination of the specific provision that such organizations of retailers might legally distribute participation dividends to their members. The relevant section in the conference report reads as follows:—

Section 4. Nothing in this act shall prevent a co-operative association from returning to its members, producers, or consumers the whole, or any part of, the net earnings or surplus resulting from its trading operations, in proportion to their purchases or sales from, to or through the association.

But the act does not prevent any type of wholesale house from giving proportionally equal discounts without discrimination among its customers. Furthermore the provision in paragraph (a) of section 2, permitting the selection of customers, supports the right of a co-operative wholesale organization to restrict its sales to its members.

Charles Hardy, president of Charles Hardy, Inc., metals and chemicals, this city, is in Europe on a business trip.

Dyestuffs and Textile And Leather Chemicals

Egg Products Reduced—Zinc Dust Steady—Corn Derivatives Firm — Myrobalans and Mangrove Bark Dull — Dyestuffs Continue Slow — Alumina Chloride Quiet

Business in the market for dyestuffs and tanstuffs continued at a highly irregular pace during the week just closed. The highly irregular pace could be attributed to the caution with which manufacturing consumers were ordering out supplies, due to the seasonal curtailment in production schedules in certain textile and tanning units. The change in the market was supplied by a reduction in the prices for the egg products.

The lowering of the prices for the egg products resulted from the augmenting of the rather low supply on hand here recently, which low supply was a factor in promoting a firm tone over recent weeks. However, the reduction was not drastic, but increased supplies were looked for during the next few weeks. There was a good seasonal demand from certain consuming industries, which tended to offset a portion of effect of the arrival of the new crop. Corn derivatives continued to display a firm tone, although the demand was spotty. The firmness could be traced to the presence of a similar tone in the basic commodity.

The dyestuffs continued dull, but the prices as a whole showed a steady to firm tone. A Department of Commerce report stated that the dyestuffs market continued inactive in China in April with no indication of early improvement although March and April are nominally two of the heaviest months of the year. Dyestuff importers are of the opinion that the continued dullness of this market is due partly to the heavy buying which occurred in November, prior to price increases, and to continued depressed conditions which have prevented a normal consumption of these stocks. Money continued tight and bank facilities continue to be very much restricted and collections slow.

The tanning materials moved through another quiet week, with conditions about the same as the preceding period as far as prices were concerned. Valonia was scarce. Wattle bark was dull and myrobalans noted a firm tone. Shoe production for the first half of the year will wind up approximately 3 percent under the figure for the corresponding period last year. The reaction was expected inasmuch as production for the six to eight months prior to May was exceptionally heavy and the orders received earlier in the year were disappointing. Bichromates continued firm and there was a steady tone noted for alumina chloride. Zinc dust was unchanged.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

Egg albumen, 1c. per lb.
yolk, 1c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.4	152.5	152.6	151.8

Market news that may have developed after this report was sent to press will be found on page 2.

Chemicals

Alumina Chloride.—Business continued at a fair pace throughout the week, with the buying orders coming from the pharmaceutical and dye trades, and prices were firm at the levels in force previously.

Antimony Salt.—Conditions in this market continued unchanged from the previous week, with the shipments moving out at highly irregular pace, but the prices held steady at the levels in force in the preceding period.

Potash Bichromate.—There was a fair demand shown for this material during the course of the week just closed, with the regular buyers covering for immediate production wants only, and the quotations ruled decidedly firm.

Potash Prussiate.—Buying of the red material continued along conservative lines, with the shipments indicating that consumers were covering for immediate production wants only, but the price tone remained steady. There was little to report in the market for the yellow product, with demand fair and prices holding steady.

Soda Bichromate.—A favorable inquiry was noted against contracts, with the June tonnage reaching a satisfactory total, and the prices were firm at the levels in effect since the outset of the year.

Zinc Dust.—Demand here held up well, with a steady tone governing the dealings, for the price position of the basic metal remained unchanged.

Dyestuffs

Annatto.—Business in the market for the paste and seed materials was restricted to actual production wants, but the price tone was steady at the levels in the previous period.

Archil. — The call for the various sorts of this material continued at an irregular pace during the week, with the prices displaying a steady tendency, for the statistical position of the market was favorable to the presence of such a tone.

Cochineal.—Important developments were wanting in the market for the Teneriffe silver and grey articles, with the consumers in all quarters covering when needs were imperative, but no change was disclosed in the quotations.

Fustic.—This market offered little variation from recent weeks, with the shipments moving out at a highly irregular pace, but the prices held at the ruling levels of the previous period.

Hypernic.—This situation underwent little change during the course of the period under survey, with the price tone holding steady and buying orders were concerned with small quantities.

Indigo.—The market for the natural product continued to move at a dull pace, with the prices remaining unchanged, and the call for the synthetic item was fairly good, with a firm tone in evidence.

Logwood. — A steady to firm tone was in evidence in this direction, with the shipments moving out at a fairly good clip at intervals during the week, and prices were well maintained.

Sizing Materials

Albumen.—Arrival of goods from the primary market tended to relieve the statistical position of the market, wherein supplies were not too plentiful, and as a result the market declined 1c. per pound, with sellers naming 78c. to 80c. per pound, according to quantity.

Dextrin.—The market noted a firm tone during the week just closed, with the firmness in the corn derivatives attributed to the presence of a like tone in the basic material and the market otherwise was a routine affair.

Egg Yolk.—A reduction of 1c. per pound was noted in this direction, with the sellers listing 48c. to 50c. per pound, and the decline in the price could be attributed mainly to the augmenting of supplies through the arrival of new crop goods. This increase in supplies naturally relieved the relatively tight position noted in the market recently.

Frozen Eggs.—The market on the New York Produce Exchange was quiet. On Friday, June whole mixed futures closed at 17.25c. to 18c.; July, 17.25c. to 18.25c.; August, 17.25c. to 18.40c.; September, 18.55c. bid. Spot whole mixed closed at 17¼c. to 18c.; yolks, 26c. to 27c.; whites, 11¼c. to 12c.

Starch.—Demand for the various corn derivatives was fairly good during the week just closed, with the consumers covering when needs reached an urgent stage, and quotations were unchanged, for a firm tone was shown in the prices for the basic material.

Tanning Materials

Divi-Divi.—Business was slow in this market last week, but the price remained unchanged.

Gambier.—The market for the common material moved at a slow pace during the period just ended, but the prices remained about the same as the previous period. Buying of the plantation and Singapore cubes continued spotty, but quotations held unaltered.

Mangrove Bark.—Another dull week was experienced in this direction, but, despite the dull character of the buying, sellers reported the market appeared steady, for cables from the primary market told of a steady tone in the dealings there.

Myrobalans.—Nothing new occurred in this direction, with the J1 material listed at the levels for the former week, and a firm tone continued in evidence for the J2 as well as the R2 material.

Quebracho.—Sellers described the price tone as firm, with the shipments moving to usual consumers at an irregular pace, but the quotations were in line with the prices in effect for some time past. The outlook for encouraging, judging by the fair volume of business on the books for forward delivery.

Valonia.—The market for the beards continued in a nominal price position, with the nominal price position resulting from the small amount on hand, and the situation as far as the cups was concerned was identical to that prevailing in the market for the beards.

Wattle Bark.—Demand here was apathetic, but the price tone continued steady to firm.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 4

Magnesia Duty Cut Asked

WASHINGTON, June 17, 1936.

A request for an investigation of foreign and domestic costs of producing magnesium oxide (calcined magnesia), looking to a reduction in the duty, has been filed with the U. S. Tariff Commission by the Schofield-Donald Company, New York. At present magnesium oxide is dutiable at 7 cents per pound under paragraph 49 of the tariff act of 1930.

Obituaries

Charles J. Cottee

Charles J. Cottee, retired treasurer of the International Agricultural Corporation, this city, died June 13, at his home in this city after a paralytic stroke. He was sixty-nine years old.

Mr. Cottee retired from active service February 1 this year, after having been associated with the corporation for more than twenty-five years. He was a native of London, England, and came to this country about thirty years ago. He was first employed here by the Otis Elevator Company and went with International as comptroller in 1910. Memorial services were held at the Masonic Temple, this city, June 15, and were attended by executive and the New York office staff of the International Agricultural Corporation. Interment was in Walpole, Mass., where his wife and daughter are buried.

Edward A. Foy

Edward A. Foy, vice-president and director of the Foy Paint Company, Cincinnati, died unexpectedly in his home in that city June 13. He was eighty-three years old. Mr. Foy was a brother of the late William F. Foy, founder of the paint company. He was a native of Cincinnati, a life-long resident of the city and was active in church work, having been one of the founders of the Holy Family Church. Mr. Foy retired from active business about fifteen years ago. Surviving are his wife, two daughters and two sons. One of the latter, Edward A. Foy, is president of the paint company and also president of the Cincinnati Paint, Varnish and Lacquer Association.

Andrew Horn

Andrew Horn, vice-president of Horn, Jefferys & Co., film manufacturer, Burbank, Cal., died June 10, in that city, following an operation. Besides his business, Mr. Horn was an enthusiastic golfer, was a charter member of the Lakeside Club of Burbank and was a moving spirit in all of its activities. Born in Scotland, he came to this country as a youth, and was for many years associated with his father in business in Pittsburgh. Since going to California, he had been a partner of James Jefferys, president of the Lakeside Club, in the film manufacturing business. Surviving are his wife and fourteen-year-old daughter, May Lou.

Dr. Lucius Pitkin

Dr. Lucius Pitkin, analytical chemist, and founder of the Pitkin Laboratories, this city, died June 14 in the Columbia-Presbyterian hospital, of coronary thrombosis. He was seventy-six years old. Dr. Pitkin, native of this city, was graduated from the College of the City of New York in 1878 and obtained his Ph.D. from Columbia University School of Mines. His analysis of mineral ores won him an international reputation and he was consulted frequently by foreign governments. He was a contributor on chemical and bacteriological subjects to scientific journals. Surviving are his wife, Mrs. Maude Morse Pitkin, and a daughter, Mrs. Richard S. Buck, jr., Columbus, O.

Dr. Blair Saxton

Dr. Blair Saxton, Associate Professor of Chemistry at Yale University, died at his home in New Haven, Conn., June 16, after an illness of two months. He was forty-five years old. Dr. Saxton was born in Huron; was graduated from Wabash College and received a Ph.D. degree from Yale in 1915, joining the faculty as instructor the same year. He was the author of many articles in the field of physical chemistry published in various scientific journals. During the World War he conducted research for the government in the gas defense service. He was a member of the American Chemical Society. Surviving are his wife and a daughter, Marian.

Harry P. Fallon, salesman for the Flint-Eaton Company, pharmaceutical manufacturer, Decatur, Ill., died June 13 in a hospital in Piqua from injuries received when his automobile was struck by another. He was thirty-two years old, and a native of Cincinnati. Surviving is his mother.

Henry C. Hoertz, salesman in St. Louis for the Louisville Varnish Company for nearly twenty years, died at his home in that city June 13, following an operation. He was forty-three years old. Mr. Horetz was born in Louisville, and went with the varnish company when first out of school. Surviving are his wife, Mrs. Ethel Hemp Hoertz, of Louisville; two sons, two daughters, two sisters and a brother.

Carl V. Starkloff, a director in the Carr-Lowrey Glass Company, Baltimore, and credit manager of the Maryland Trust Company, died at his home in that city June 13. He was sixty-eight years old. He was a native of Baltimore. Surviving are his wife and three sisters.

William O. Taylor, oil producer, died of a heart attack June 11, at his home in Wellsville, N. Y. He was sixty-nine years old. He was the son of O. P. Taylor, who drilled the famous Triangle No. 1 well, the first brought in in the Wellsville field.

FREDERICK P. KAPPER & CO. 367-373 FULTON ST. BROOKLYN, N.Y.
DRY COLORS INTERMEDIATES ◆ DYESTUFFS ◆ CHEMICALS FLUSHED COLORS
"EVERYTHING IN AN ANILINE COLOR FOR ANY TRADE"
See GREEN BOOK Who's Who For Alphabetical Listings INQUIRE! We Mail Samples and Prices On Date Request Is Received

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Monsanto Chemicals

for

the PAINT, VARNISH and LACQUER INDUSTRY

THE quality and economy of your manufacturing processes depend upon the use of chemicals that are consistently uniform and dependable. The following Monsanto products merit your consideration:

AMYL ACETATE
BUTYL ACETATE
DIACETONE ALCOHOL
COTTON SOLUTIONS
SOLVENT ALCOHOL (Mersol)
DIBUTYL PHTHALATE
DIETHYL PHTHALATE
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TRICRESYL PHOSPHATE
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SANTICIZERS (B-16, M-17, and other plasticizers)
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Also these important intermediates

MALEIC ACID
MALEIC ANHYDRIDE
BENZOIC ACID
PHENOL
PHTHALIC ANHYDRIDE

and the well-known

"BEAR" BRAND LAMPBLACK

Helpful information regarding these products to cover your present or potential requirements will be gladly supplied.

Monsanto Chemical Company
St. Louis, U.S.A.

NEW YORK CHICAGO BOSTON
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CHEMICALS OF QUALITY Monsanto ST. LOUIS, U.S.A.

Paint, Varnish, Lacquer Materials

French Ocher Prices Decline — Light and Other Shades Now on Uniform Price Level — Standard Batavia Dammar Gum Rises — Naval Stores Irregular

The outstanding event in the market for paint, varnish and lacquer chemica!s last week was a reduction in the prices for light and other shades of French ochers. The decline was not unexpected and resulted from the reduction of import duties under the tariff treaty with France, which became effective on Monday. The price reduction was made on Friday. Under the new schedule posted by the importers, there is no longer any difference between the prices for light shades and the prices for other shades. In order to effect the elimination of the price spread which had been in effect since April last year, the sellers reduced the price of light shades three-eighth of a cent and the other shades one-eighth of a cent per pound. Other price movements of the week included an advance in quotations for standard Batavia dammar gum and also for the A-D mixed grading in the Batavia group.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Gum, dammar, Batavia, A/D, ½c. per lb.
A/E, ⅝c. per lb.
Rosin, 20c. to 30c. per 280 lbs.

Reduced

Yellow, ocher, French, light shades, ⅜c. per lb.
other shades, ⅛c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
129.9	130.0	130.0	134.0

Market news that may have developed after this report was sent to press will be found on page 2.

The week's trade was very spotty. Since the opening days of this month purchasers' operations in the market for materials used in the manufacture of surface coatings have been very irregular and the movement into consumption now is considerably less active than it was at this time last month.

Pigment manufacturers are centering their interest in the renewal of contracts for the coming quarter and the coming half of the year. As reported here last week, corroders of dry white lead, white lead-in-oil and red lead-in-oil are renewing agreements for the third-quarter, while the makers of zinc oxide have been doing the same for the past few weeks. Lithopone and titanium pigment manufacturers are lining up business for the entire final half of the year.

Turpentine and rosin were quiet here but domestic business in primary centers was fairly active, demand for turpentine being sufficient to absorb the daily offerings in tankcars. The export inquiry for rosin showed some decrease as compared with the previous week. Changes in prices were frequent but the undertone of the markets was generally regarded as firm. Weather conditions were favorable for operations in the woods and the movement from the interior to the seaboard was liberal.

Metallic Lead and Zinc

Pig lead continued steady and quiet. The price continued unchanged at 4.45c. per pound East St. Louis, and 4.60c. to 4.65c. per pound at New York. There is little buying for June or July position but the shipments against orders placed previously are reported quite active and there are indications that this months' shipments will exceed those of June last year.

The zinc market appeared uncertain last week after it was learned that a sale of 500 tons at re-sale was made at 5 points under the market. The price on this trade was 4.85c. per pound East St. Louis, compared with the market price of 4.90c. per pound. Producers held to the 4.90c. price on Friday—the news of the re-sale having been learned Thursday—but the situation was a little shaky.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from June 13 to June 19, inclusive, are as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0460@.0465	$0.0445	.. .. ..
Monday	.0460@.0465	.0445	14 18 9
Tuesday	.0460@.0465	.0445	15 0 0
Wednesday	.0460@.0465	.0445	15 2 6
Thursday	.0460@.0465	.0445	15 1 3
Friday	.0460@.0465	.0445	15 3 9

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from June 13 to June 19, inclusive, are as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.05275	$0.0490	.. .. ..
Monday	.05275	.0490	13 12 6
Tuesday	.05275	.0490	13 12 6
Wednesday	.05275	.0490	13 10 0
Thursday	.05275	.0490	13 8 9
Friday	.05275	.0490	13 13 9

Pigments

Suppliers of pigment materials were primarily engaged in the work attendant to the renewal of contracts which expire at the end of the month. As reported a week ago, all pigment sellers who take business on a quarterly or semi-annual contract basis have now taken a position for the third quarter and some for the final half of the year. Producers of dry white lead, white lead-in-oil, and red lead-in-oil are taking business for the third quarter and so are the sellers of lead-free and leaded zinc oxides. Manufacturers of lithopones and titanium pigments are booking for the final half of the year. Prices on all contract renewals are unchanged from those in force on the agreements that expire with the end of this month.

White Lead.—Corroders were booking contracts for the third quarter of the year on both dry white lead and lead-in-oil. The agreements are being written at the same price basis as in the current quarter. Current demands are light and have been so since the early part of the month.

Red Lead.—Contracts are being taken for lead-in-oil requirements over the next ninety days. The agreements are being written at the prices in force through this quarter. Car lot prices for dry lead continue unchanged at the levels that have been quoted since February. Business is not very active at this time.

Litharge.—As in the case of red lead, the car lot prices, which move automatically with each change in the metal market, have not changed for some months. The market is steady with some inclination toward the stronger side. Prices hold without shift.

Lithopone.—The market did not evidence anything in the way of change during the week under review. The sellers were still lining up contracts for the final half of this year, which are being written at unchanged figures.

Titanium Pigments.—Contracts are being extended for the final half of the year at the same price levels that have been in force through the initial half of this year. The demands for deliveries of supplies have been moderating lately.

Zinc Oxides.—The domestic suppliers are engaged in the work of renewing contracts for the third quarter of the year. Prices named on these agreements are the same as those in the quarter just ending and are at the low levels established last October. As reported last week, importers of French oxides reduced gold seal and white seal grades ⅝c and ¾c. per pound, respectively, on June 16. There were no further changes made last week.

Fillers and Extenders

There is a good deal of steadiness in the price structure for materials included in the group of inert pigments, fillers and extenders. A broad canvass of sellers of these products last week failed to reveal any evidence of price weakness. Trade averages fair proportions. The demands of the market are not so active as they were a month ago, but there is a fair business being done.

Blanc Fixe.—There has been no change in prices since the appearance

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 4

NIACET PRODUCTS
Acetic Acid Glacial and U. S. P.
Acetal
Acetamide
Acetaldol
Paraldehyde
Acetaldehyde
Crotonic Acid
Iron Acetates
Methyl Acetate
Crotonaldehyde
Aluminum Acetate
Aluminum Formate
Sucrose Octa Acetate
Other Acetate Salts

FOR RESINS and PLASTIC MANUFACTURE
ACETALDEHYDE
PARALDEHYDE
CROTONALDEHYDE
ACETALDOL
PENTAERYTHRITOL
CROTONIC ACID

NIACET
CHEMICALS CORPORATION
Sales Office and Plant Niagara Falls, N. Y.

EASTMAN
Nitrocellulose Products

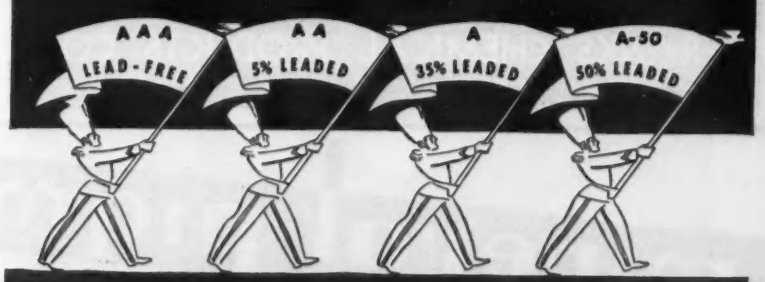
NITROCOTTON SOLUTIONS... Prepared from high grade nitrated cottons in a wide range of viscosities and solids.

FILM SOLUTIONS... Dependable basic materials especially suitable for lacquer bases and for the production of coated fabrics.

Information and quotations will be furnished upon request. Eastman Kodak Co., Chemical Sales Division, Rochester, N. Y.

Eastman Tested Chemicals

EAGLE ZINC OXIDE
(AMERICAN PROCESS)



Eagle Zinc Oxide is designed especially for outside paints. Gives maximum durability.

THE EAGLE-PICHER LEAD COMPANY CINCINNATI, OHIO

White Lead, Carbonate — Red Lead — Sublimed Blue Lead — Sublimed White Lead — Super Sublimed White Lead — Litharge — Sublimed Litharge — Orange Mineral — Zinc Oxide — Lithopone

RED OXIDE
INDIAN - TURKEY - VENETIAN
OCHRE - SIENNA - UMBERS
JOSEPH A. McNULTY
114 Liberty Street New York City

Lacquer and Varnish Gums
Thurston & Braidich, Importers, 55 Vandam St., New York

SOMMER SCHMIDDING WORKS: DUESSELDORF
Special Plants for: BODIED OILS • PRINTING INKS
ESTER GUMS • GUM RUNNING
VARNISHES
Represented by ALBERT H. BRUECKE, 30 Rockefeller Plaza, New York City

FILAC —clean, soluble nitrate film scrap
HORN, JEFFERYS & CO.
Burbank, California.

Bone Blacks for LACQUERS 4 HOUR ENAMELS LEATHER FINISHES
SIEMON COLORS, Inc.
174 PENNSYLVANIA AVENUE, NEWARK, N. J.

ASBESTINE
Reg. U. S. Pat. Off.
FOR PAINT MANUFACTURERS
INTERNATIONAL PULP CO., 41 Park Row, New York

DE HAEN'S FIXANAL PREPARATIONS
Time Savers for Normal Solutions. Sold by All Leading Laboratory Supply Houses
PFALTZ & BAUER, Inc., *Sole Importers*, Empire State Bldg., New York, N.Y.

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"... the original petroleum thinner"
SAFE... EFFICIENT...
UNIFORM HIGH SOLVENCY
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MACHINES TO CUT ½ in., ¾ in., 1¼ in., 1½ in. LETTERS
CUTS PAPER SHIPPING STENCILS
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STEARATES
ALUMINUM STEARATE CALCIUM STEARATE
MAGNESIUM STEARATE ZINC STEARATE
Stocks carried also at Chicago, St. Louis, San Francisco, Los Angeles, Kansas City, New Orleans, Des Moines
FRANKS CHEMICAL PRODUCTS CO.
Building No. 9, Bush Terminal BROOKLYN, N. Y.

of lower prices on the by-product article a few weeks ago. Business is mildly active.

Metronite.—Suppliers of this pigment report that the price structure is steady at the levels that have been quoted for many months back.

Pumice.—Importers and material ground abroad and of pumice ground here hold the prices without shift. The demands from the regular channels of consumption continue in routine fashion.

Talc.—Industrial talcs hold in a steady position under fair sized demands. The fibrous grades have been moving at a steady rate at unchanged prices.

Dry Colors

The reduction in French ocher prices, which had been expected, took place on Friday. Once more the light shades and other shades are placed on a uniform price basis and there is no price differential between them. The reduction amounts to three-eighths of a cent per pound on light shades and one-eighth of a cent on other shades. Sellers state that the reduction in prices results from the reduction in import duties under the tariff treaty with France which became effective on June 15. Prices for chemical colors continue unchanged, and, inasmuch as there were no changes on Monday of last week, prices for chemical colors on contract are extended for the third quarter of the year.

Alkali Blue.—The ink trade's demands continued good-sized and the price continues unchanged at the long-standing level of 90c. per pound.

Carbon Black.—Some sellers report an active demand from the less than car lot buyers. The car lot demand from the large tire companies continues in fairly good fashion. Prices continue through the final half of the year without change.

Iron Blues.—There is a steady call for replacement of supplies by the regular using trades. Quotations remain at the contract level of 37c. per pound.

Iron Oxide.—Although there are no statistics available on the annual production of red oxide at Hormuz, in the Persian Gulf, the Department of Commerce reports that the exports in 1934 were 6,272 metric tons against 5,672 tons in 1933. These figures are for the Iranian economic years which end June 22.

Ocher.—Prices for French were reduced ½c. to ⅝c. per pound on Friday. The light shades were reduced ⅝c. per pound and other shades were lowered ⅛c. Price differentials between the light shades and other shades have been eliminated. Although the complete schedule of prices was not available for this printing, the schedule is based as follows:—Car lots, f.o.b. New York from dock, 2⅝c. per pound; less car lots, f.o.b. New York from dock, 2⅞c. per pound; less car lots, f.o.b. New York from warehouse or f.o.b. Bethlehem or Easton, 3⅛c. per pound; Pacific Coast prices are 3.225c. per pound for car lots from dock at San Pedro, San Francisco, Portland and Seattle, and 3.35c. at Los Angeles. Prices for less than car lots on the Pacific Coast are 3⅝c. per pound from dock at San Pedro, San Francisco, Portland and Seattle, and 3⅝c. from warehouse at these points. The price for l.c.l. quantities ex-car at Los Angeles is 3½c. per pound.

Spanish Red Oxide.—All importers of this article are now in line at the recent ¼c. per pound advance in prices which was first effected in the closing days of last month. Recent internal disturbances in Spain and an advance in the wage scales in most of the industries of that country were responsible for the move.

Varnish Gums

The recent strength in the position of Batavia gums abroad broke through the surface of the market here and prices for standard Batavia dammar and also the A/D Batavia mixture were higher. The calls against contract for copal and dammar gums continues fair. There is a moderate spot business being done but little interest is

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Alkali Blue Toners
Methyl Violet Toners
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STANDARD ULTRAMARINE COMPANY
HUNTINGTON, W. VA.

Shawnee DRY COLORS
Color-Content Guaranteed
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
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Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
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mineral pigments
NATURAL AND SYNTHETIC
PURE INDIAN REDS
Notable for their brilliance, clarity, fineness, strength and uniformity
C. K. WILLIAMS & COMPANY
EASTON-PENNSYLVANIA

No. 8 MIXER
The best built mixer in the market. Made in two sizes.
Write for Quotation
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2624 E. Jefferson Avenue
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shown in forward needs even though the position of the primary markets shows increasing firmness.

Copals.—The market was without price change last week. There is a good deal of firmness reported from the Far East but there have been no advances in the prices. Offerings from abroad are not overly heavy. The demands here are mainly against contract and a moderate business is reported.

Dammar.—The price for standard Batavia A/E gum has been raised ⅝c. per pound while the A/D mixed grading went up ½c. per pound last week. The car lot price for standard is now 13½c. per pound and the car lot price for A/D mixed is now 16¼c. per pound. Usual differentials for l.c.l. and less than 10 package lots prevail.

Kauri.—Primary market reports indicate rising prices on B1, B2 and B3 gradings. White chips, 80 percent chips and scraped gums are also reported higher abroad. There have been no changes here however. April receipts of gums at Auckland totaled 346 tons, the highest monthly total since April, 1932, but the production was largely in low grade chips. Exports for that month totaled 200½ tons with United States taking 47 tons. Production for the first four months of the year was 908 tons and exports during that period totaled 868 tons.

Synthetic Resins

This group of materials passed through the past week without price shift. An extensive canvass of the manufacturers failed to reveal a single change. The ester gums are holding in a very steady position under steady demands. Phenolics—both 100 percent and modified—continue to move in routine fashion.

Naval Stores

The local market for turpentine and rosin was rather quiet much of the time last week, but a fair degree of activity was reported in the South where demand from consumers of turpentine was said to be sufficient to absorb all the tankcars offered from day to day. Locally there seemed to be a disposition among consumers and dealers to await further developments in the situation, especially in the matter of government financial assistance for producers. In the opinion of some the proposed legislation would not prove to be of aid to the extent that had been assumed when the measure was first approved by the Senate committee and the uncertainty on this point was sufficient to make some buyers inclined to hold off for a time despite reports current to the effect that consumption of raw materials of various kinds, turpentine and rosin not excepted, has increased recently in important industries.

Less was heard about export activity in rosin but some transactions were reported with South America and the Far East the buyers. The outward movement of rosin from seaboard markets on old contracts was on a fair scale but clearances of turpentine were generally small. As to reports recently heard that consumption abroad was on the increase and that the requirements of consumers were being filled by European producers it is not without some interest to note, according to statistics published by the Department of Commerce at Washington, that the exports of turpentine from Spain during the first quarter of the current year dropped to 302,577 gallons, or not much more than half what they were in the corresponding period last year. Germany was the largest buyer of Spanish turpentine, taking over 30 percent of the quantity exported, followed by Great Britain, Belgium and Switzerland. Rosin exports from Spain also fell off sharply, the shipments in the first quarter of 1936 being 2,460 metric tons as compared with 4,627 in the same time last year with Germany taking more than half of the exports.

Primary markets showed irregularity last week, changes in prices being frequent, but the undertone was generally regarded as firm. Weather conditions were favorable in many sections for production and marketing, temperatures being high with rainfall light, and receipts at primary points were rather liberal.

Turpentine. — Quiet conditions prevailed in the local market last week. A fair inquiry was noted in some quarters but transactions were apparently limited as a rule to small quantities to fill current needs, the movement of such lots for the week being lighter than in the previous period. Prices were irregular in company with primary centers where the trend was downward at one time early in the week with a rallying tendency later. Domestic purchases in Southern markets were on a fair scale. The movement from the interior to the seaboard was rather liberal as weather conditions in many parts of the South were favorable for operations in the woods.

SAVANNAH, June 19.—Turpentine was fairly active with the tone of the market firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Saturday ..	35¾	297	648	3	25,003
Monday ...	35½	430	471	150	25,324
Tuesday ...	35¼	305	894	5	26,213
Wednesday..	35¾	157	342	75	26,480
Thursday ..	36½	241	441	192	26,729
Friday	35¾	251	1,520	38	27,311

JACKSONVILLE, June 18.—Changes in turpentine prices were moderate. Receipts were liberal. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Friday	36	114	213	...	43,381
Saturday ..	35¾	...	374	...	43,640
Monday ...	35¼	416	1,552	...	44,458
Tuesday ...	35¼	146	280	25	44,228
Wednesday..	35¾	...	252	53	44,427
Thursday ..	37	38	226	117	44,536

PENSACOLA, June 13.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	199	370	28,383
Tuesday	220	...	28,803
Wednesday	111	121	28,793
Thursday	118	...	28,911
Friday	89	406	28,594
Saturday	238	111	28,721

CHICAGO, June 19.—While turpentine prices are about steady, the market is stronger than in some time, and the buying now is brisker and more extensive. Retail business is good, wholesale transactions seem fairly large. It is believed that most or all of the increased aggregate amount of material being purchased at this time is for actual early needs of the buyers. Tone is quite strong. Ruling prices at the close of business last night were:—Five-drum lots, 47c. per gallon; five wood barrels, 52c.; single drums, 50c.; single barrels, 55c.

LONDON, June 19.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	39	3
Monday	39	3
Tuesday	38	6
Wednesday	38	6
Thursday	39	0
Friday	39	0

Stocks of American turpentine in London were:—

	June 19.	Previous week.	Last year.
Barrels	7,864	9,010	9,024

Rosin. — Changes in rosin quotations were frequent last week in company with developments in primary centers where the markets showed considerable irregularity at times although the undertone continued to be reported as firm. Domestic business in the South was fairy active. The export inquiry was lighter than in recent preceding weeks. Purchasing here was rather slow much of the time, consumers in many instances being disinclined to contract beyond their immediate requirements although they are said to be carrying light supplies in not a few instances. Weather conditions over much of the South were favorable for production and marketing and receipts at primary points were liberal.

(Continued on page 55)

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are the reflection of the perfection attained by exhaustive research and meticulous care in manufacturing.

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THE SUPERIOR ZINC SULPHIDE
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- Reliability — due to constant laboratory supervision
- Adaptability — for specialized requirements; baking Japans, enamels, artists' colors, etc.

Typical in their:
- Ease of grinding
- Low oil absorption
- Intensity of blackness
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Specialists in Carbon Blacks, Bone Blacks & Oxides of Iron
41 East 42d St. New York
No. 100 — For brilliant blackness with a warm brown tone
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(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Benzylbetadiethylaminoethyldiphenylacetamide

Pharmaceutical

Claimed (Brit. 438659) to possess—
Physiological properties resembling those of atropine

Betadiethylaminoethylacetylbenzylamide

Pharmaceutical

Claimed (Brit. 438659) to possess—
Physiological properties resembling those of atropine

Betadiethylaminoethylacetyltropamide

Pharmaceutical

Claimed (Brit. 438659) to possess—
Physiological properties resembling those of atropine

Betadiethylaminoethylalphaphenylalphamethoxyacetamide

Pharmaceutical

Claimed (Brit. 438659) to possess—
Physiological properties resembling those of atropine

Betadiethylaminoethyldiphenoxyacetamide

Pharmaceutical

Claimed (Brit. 438659) to possess—
Physiological properties resembling those of atropine

Betadiethylaminoethylmandelamide

Pharmaceutical

Claimed (Brit. 438659) to possess—
Physiological properties resembling those of atropine

Betadiethylaminoethyl Para-aminobenzoate Hydrochloride

Pharmaceutical

Suggested for use (Brit. 439168) as—
Anethetic in conjunction with 3:4-dihydroxyphenylalphapropanolamine hydrochloride (greater stability and less toxicity than adrenalin are claimed)

Betadiethylaminoethylphenyldiethylacetamide

Pharmaceutical

Claimed (Brit. 438659) to possess—
Physiological properties resembling those of atropine

Betadiethylaminoethyltriphenylacetamide

Pharmaceutical

Claimed (Brit. 438659) to possess—
Physiological properties resembling those of atropine

Betadimethylaminoethyldiphenylacetamide

Pharmaceutical

Claimed (Brit. 438659) to possess—
Physiological properties resembling those of atropine

1-Brom-3-chlorobutanol-2

Petroleum

Solvent (Brit. 435096) in—
Refining mineral oils

3-Chlor-2-(chloromethyl)-1-phenylpropane-3

Petroleum

Solvent (Brit. 437573) in—
Refining mineral oils

Chloroacetaldehyde

Petroleum

Solvent (Brit. 437573) in—
Refining mineral oils

Chlorobutanone

Petroleum

Solvent (Brit. 437573) in—
Refining mineral oils

Cyclohexylamine-formaldehyde

Glass

Stabilizer (Brit. 437304) for—
Halogenated rubber derivatives used as cements for laminated glass

Miscellaneous

Inhibitor (Brit. 437304) of—
Photochemical action

Paper

Stabilizer (Brit. 437304) for—
Halogenated rubber derivatives used for impregnating or coating wrapping paper

Rubber

Stabilizer (Brit. 437304) for—
Coating and impregnating agents made from halogenated rubber derivatives and used for treating fabrics to be used as wrapping materials

Transparent films or sheets made from halogenated rubber derivatives

1:3-Dichlor-2-methylpropanol-2

Petroleum

Solvent (Brit. 435096) in—
Refining mineral oils

Dichloroctyl Alcohol

Petroleum

Solvent (Brit. 435096) in—
Refining mineral oils

Dichloro-tertiary-amyl Alcohol

Petroleum

Solvent (Brit. 435096) in—
Refining mineral oils

Dicyclohexylamine

Glass

Stabilizer (Brit. 437304) for—
Halogenated rubber derivatives used as cements for laminated glass

Miscellaneous

Inhibitor (Brit. 437304) of—
Photochemical action.

Paper

Stabilizer (Brit. 437304) for—
Halogenated rubber derivatives used for impregnating or coating wrapping paper.

Rubber

Stabilizer (Brit. 437304) for—
Coating and impregnating agents made from halogenated rubber derivatives and used for treating fabrics to be used as wrapping materials

Transparent films or sheets made from halogenated rubber derivatives

Decyl Rhodanate Sodium Salt

Insecticide

Insecticide of high toxicity for use in sprays

3:4-Dihydroxyphenylalphapropanolamine Hydrochloride

(Hydrochloride of Betaaminoalpha-3:4-dihydroxyphenyl-normal-propyl Alcohol)

Pharmaceutical

Suggested for use (Brit. 439168) as—
Vaso-constrictor in conjunction with betadiethylaminoethyl para-aminobenzoate hydrochloride as anesthetic (greater stability and less toxicity than adrenalin are claimed)

Dihydroxydiphenylpropane

Glass

Stabilizer (Brit. 437304) for—
Halogenated rubber derivatives used as cements for laminated glass

Miscellaneous

Inhibitor (Brit. 437304) of—
Photochemical action

Paper

Stabilizer (Brit. 437304) for—
Halogenated rubber derivatives used for impregnating or coating wrapping paper

Rubber

Stabilizer (Brit. 437304) for—
Coating and impregnating agents made from halogenated rubber derivatives and used for treating fabrics to be used as wrapping materials

Transparent films or sheets made from halogenated rubber derivatives

2:2'-Dimethyl-4:5:4':5'-dibenzoxacarbocyanin Bromide

Photographic

Sensitizer (Brit. 432969) for—
Silver halide emulsions (sensitizing maxima: 550 mu)

2:6'-Dimethyl-1'-ethyl-4:5-benzoxapsicyanin

Photographic

Sensitizer (Brit. 432969) for—
Silver halide emulsions (sensitizing maxima: 485 mu)

3:4'-Dimethoxydiphenylamine

Rubber

As an antioxidant (Brit. 435024)—

3:3'-Di(2-phenyl-1-methylindolyl) Ketone

Dye

Starting point (Brit. 428468) in making—
Blue dyestuffs for wool or silk by condensing with 3'-ethoxy-4-methyldiphenylamine
Reddish-violet dyestuffs for wool, silk, and lacquers by condensing with trisulphonated 2-phenyl-1-methylindole

Ditetrahydrofurfurylamine

Glass

Stabilizer (Brit. 437304) for—
Halogenated rubber derivatives used as cements for laminated glass

Miscellaneous

Inhibitor (Brit. 437304) of—
Photochemical action

Paper

Stabilizer (Brit. 437304) for—
Halogenated rubber derivatives used for impregnating or coating wrapping paper

Rubber

Stabilizer (Brit. 437304) for—
Coating and impregnating agents made from halogenated rubber derivatives and used for treating fabrics to be used as wrapping materials

Transparent films or sheets made from halogenated rubber derivatives

Dodecyldodecoxymethylpiperidinium Chloride

Textile

Increaser (Brit. 434911) of—
Fastness to water of dyeings on textile fibers
Softener (Brit. 434911) of—
Dyed textile fibers

Dodecylpiperidin Normal Oxide

Miscellaneous

As a general wetting agent (Brit. 437566)

Textile

As a dyeing assistant (Brit. 437566)
As a general wetting agent (Brit. 437566)
Wetting agent (Brit. 437566) in—
Wool washing

Ethyl Cinnamate Bromonitrate Derivative

Petroleum

Primer (Brit. 436027) for—
Diesel engine fuels (lowers ignition point)

Gammadiethylaminopropyldiphenylacetamide

Pharmaceutical

Claimed (Brit. 438659) to possess—
Physiological properties resembling those of atropine

Octyl Rhodanate Sodium Salt

Insecticide

Insecticide of high toxicity for use in sprays

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2:3:3-Trichlor-2-methyl-1-phenylpropane

Petroleum

Solvent (Brit. 437573) in—
Refining mineral oils

Oils, Fats, and Waxes

Chinawood Oil Quiet with Narrow Changes in Prices — Perilla Remains Firm—Linseed Oil Advanced by Crushers—Lard and Neatsfoot Higher — Tallow Offerings Light

Business in the market for vegetable, animal and fish oils, fats and greases was generally quiet last week. Here and there a fair inquiry was noted for certain technical and edible products, but as a rule transactions were limited to small quantities. The prevailing uncertainty concerning tax legislation applying to various imported oils and fats made consumers averse to purchasing beyond their immediate needs and at the same time had the effect of making importers and dealers disinclined to offer very freely even in the matter of spot supplies. Business in futures appeared to be at a standstill or practically so. Variations in quotations were generally within comparatively small limits with the trend upward.

Chinawood oil prices showed more or less irregularity but variations here and on the Pacific Coast were generally within small limits in the absence of wide fluctuations abroad where the market appeared to be rather quiet. Transactions in domestic centers were light, consumers being inclined to hold off for further developments abroad. Coconut oil was quiet with prices here and on the Coast about stationary during the week. Perilla oil was firm, lack of demand of consequence being offset by smallness of offerings. Rapeseed oil met with a fair demand and sales were reported at an advance. Niger palm oil was reported higher abroad but the local market was easier, offerings being noted on spot at concessions. Denatured olive oil was in fair demand and firmer.

Lard was rather firm much of the time on spot, influenced by an upward trend in the market for futures at Chicago, where speculative sentiment appeared to be more bullish than recently. Stocks of lard in Chicago increased about 3,500,000 pounds during the first half of June as compared with a decrease of 2,400,000 pounds in the same time last year. Greases were firm at the recent advance with a fair inquiry in a jobbing way. Lard, tallow and some grades of neatsfoot oil were higher owing to increased cost of raw material. Refined menhaden and sardine oils were firm at the advance recorded in the previous week. Offerings of crude fish oils were light and primary quotations were still largely nominal. Tallow was more active and higher on spot and trading was reported in tallow futures at an advance.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Grease, ¼c. per lb.
Lard, 25c. to 35c. per 100 lbs.
Lard oil, 25c. per 100 lbs.
Linseed cake, 75c. per ton.
Linseed meal, $2 per ton.
Linseed oil, 1-10c. per lb.
Neatsfoot oil, 25c. per 100 lbs.
Olive oil, denatured, 1c. per gal.
Palm oil, Niger, shipment, ¼c. per lb.
Rapeseed oil, denatured, 1c. per gal.
Tallow, ¼c. per lb.
Tallow oil, 25c. per 100 lbs.

Reduced

Chinawood oil, ⅛c. to ¼c. per lb.
Cod oil, Norwegian, 2c. per gal.
Oiticica oil, shipment, ¼c. per lb.
Palm oil, Niger, spot, ⅛c. to ⅜c. per lb.
Teaseed oil, shipment, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
112.4	112.1	110.6	131.6

Market news that may have developed after this report was sent to press will be found on page 2.

Vegetable Oils

Chinawood.—Domestic markets were rather quiet much of the time last week in the absence of stimulating developments in the situation abroad where changes in quotations were generally confined within small limits. At one time early in the week Hankow was a shade firmer but an easier tone developed later on, although price changes, as already intimated, were unimportant. The course of the market abroad was reflected in domestic centers, variations in quotations here and on the Coast during the week being within small limits. At one time the tankcar price was 18.3c. per pound on spot, but later on supplies were available at 18c. and some business was said to have been closed at that figure though the quantity involved was apparently small. An unconfirmed report was current that cargo freight rates from China ports to this country will be increased about 20 percent. in August. Stocks at Hankow at the close of May were put at 3,540 short tons against 700 tons a year ago. The wood oil industry in China, it is reported, will be placed under government control next month.

Coconut.—A steady tone prevailed but aside from this the situation lacked features of interest. Business in domestic centers was quiet. Consumers are believed in many instances to be carrying light supplies but such inquiries as were noted last week were limited to unimportant quantities, many buyers being inclined to await developments in the markets for other commodities as well as in the situation abroad. Reports concerning consumption in this country were bullish despite the reserved attitude of buyers in recent weeks. The copra market on the Coast was reported as firmer with offerings light.

Corn.—The market for crude oil had a firmer tone in company with competing product. Quotations were about stationary but the figures appeared to be more or less nominal as offerings were still light. There was a fairly active demand for refined oil and the market was steady.

Cottonseed Oil.—No further quotable change occurred in edible oil but the market had a firm tone. There was a somewhat better inquiry for moderate quantities. Offerings of imported oil were light and the market was steady though quiet.

Mustard.—The inquiry held up well and the movement into consuming channels was apparently steady. The tone of the market continued firm.

Oiticica.—A steady tone prevailed on spot, quotations being maintained at about the levels prevailing in the previous week in the absence of any material change in competing product. There was a fair inquiry though such transactions as were reported were limited to unimportant quantities.

Olive.—The market for denatured oil was firmer, supplies on spot having diminished. There was a fair inquiry and sales were reported at 75c. per gallon. Foots met with a fair demand in a jobbing way and the market was steady at recently prevailing prices.

Palm.—The spot situation had an easier tone despite a firmer market abroad, higher quotations being named for Niger for shipment. On spot there were sellers at 4c. per pound in casks, although in some quarters prices were ⅛c. to ¼c. above that level.

Perilla.—Demand was quieter last week but the market retained a firm tone so far as the spot situation was concerned. Supplies have diminished and in view of the prospective duty offerings were light. There was little interest in futures.

Rapeseed.—A somewhat better inquiry was noted in a jobbing way and the market had a firmer tone. Sales were reported at 53c. per gallon on spot and there seemed to be little if any available at less than that figure. An estimate of the crop in India put the yield for the current season at 951,000 tons against 895,000 tons in the previous season. Shipments from that country to the United Kingdom and the Continent from January 1 to June 3 were 18,800 tons against 6,600 tons in the same time last year.

Teaseed.—Spot demand was slow but supplies appeared to be light and the market retained a steady tone. Quotations for shipment in some cases were about ¼c. per pound lower.

Markets at Other Centers

San Francisco, June 15.—Coconut oil, unaffected in the present tax controversy, is getting some share of interest, sellers here reporting a fair demand for the spot and close-up shipment positions. Other than this material, however, buyers are apathetic and have adopted a waiting attitude. Chinawood has firmed slightly, mostly on a nominal basis.

Ruling prices are:—

BABASSU.—Quoted at 6⅝c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COCONUT.—Crude oil is steady at 3⅝c. to 3¾c. per pound in tankcars, f.o.b. Pacific Coast mills, June-September shipment.

COPRA.—But little change has entered the copra market since last week. Conditions are fairly well stabilized at the moment, and the situation remains steady. There is a fair buying demand among crushers on the Coast, and with oil from the mills being contracted at a routine pace these days it is expected that the copra market will remain active for awhile. Arrivals are better. Quoted at 2.30c. to 2.325c. per pound, c.i.f. Pacific Coast ports. Meal is quoted at $24 per ton for domestic, ex mill. Philippine meal quoted at $22.50 ex dock, San Francisco.

CHINAWOOD. — Steady to slightly higher at 18c. per pound in tankcars, f.o.b. Pacific Coast ports.

SOYBEAN.—Crude Oriental soybean oil, f.a.q., quoted at 5⅛c. per pound, nominally, c.i.f. Pacific Coast ports in bulk steamers' tanks, with drum lots, duty paid, at 10c. Refined and deodorized Oriental oil, duty paid, at 10¼c. per pound in drums.

COTTONSEED. — Semi-refined foreign oil is quoted at 9¼c. per pound, duty paid in tankcars, f.o.b. Pacific Coast, June-August shipment from the Pacific Coast.

PEANUT.—Crude oil is quoted nominally at 9¼c. per pound in tankcars, duty paid, f.o.b. Pacific Coast ports, June-September shipment from the Orient. Oil crushed in domestic mills quoted at the same figure.

PERILLA.—Japanese oil is quoted at

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 4

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7½c. per pound in tankcars, prompt shipment from the Pacific Coast. Futures strictly nominal.

TEASEED.—Quoted nominally at 8¾c. per pound in drums, c.l.f. San Francisco.

SESAME.—Crude oil is quoted at 5¾c. per pound in tankcars, f.o.b. mill, Pacific Coast. Seed for crushing is quoted nominally at $60 per ton, c.i.f. Pacific Coast ports.

Chicago, June 19.—A somewhat firmer view of the market outlook for the general vegetable oil list seems to be taken by both buyers and sellers. Certain products are now fractionally above their recent low, while the general tone is one of considerable improvement all around. Buyers are evincing a little more interest. Sellers are not so anxious to sell material at this time. Fewer sales for far ahead delivery are reported now mainly because sellers rather than buyers are unwilling.

COCONUT.—Crude oil, 3¾c. per pound; refined, edible oil, 9½c. to 10c. per pound, barrels, car lots; and 10c. to 10¼c., barrels, less than car lots.

CORN.—Crude, low acid, 8c. to 8⅛c. per pound, partly nominal, tanks, mills. Refined, edible oil, 9½c. to 9¾c., barrels, car lots; and 10c. to 10¼c., barrels, less than car lots.

CHINAWOOD.—Ruling spot, drums, 19¾c. to 20c. per pound; futures shipments, 18¼c. to 18½c.

SOYBEAN.—Crude, prompt shipment, 6c., tanks, mills, with 6⅛c. quoted by some depending on delivery date. Refined, drums, 8½c. to 8¾c.

PEANUT.—Prime crude, 8⅛c. to 8¼c. per pound, partly nominal; refined, edible oil, 10¼c. to 10½c., barrels, car lots; and 10½c. to 11c., barrels, less than car lots.

London, June 11.—Soybean oil, British crude, 27s. 6d. per hundredweight; palm kernel oil, refined, 29s. per hundredweight; rapeseed oil, crude, extracted, 34s. per hundredweight; coconut oil, Ceylon, 25s. per hundredweight; peanut, Indian, crude, 28s. 3d. per hundredweight.

Chicago, June 19.—Range for soybeans for week ended June 17:—Sample grade, high, 86c.; low, 78c.

Linseed Oil

Linseed oil was quiet but firmer, prices being advanced slightly by some crushers. Cake and meal were higher. Flaxseed prices were irregular.

Flaxseed—DULUTH, June 19.—Sharp gains were chalked up in the Duluth flax market this week as drouth and unseasonable heat persisted in the Northwest, darkening crop prospects. Reports indicated a critical situation had developed in the southern half of North Dakota and the northern half of South Dakota, with small grain crops damaged from 25 to 75 percent. A sharp revision of flax crop estimates was looked for at the end of the month if weather continues unfavorable. Rain was direly needed in wide areas. Local cash business was less active, with receipts smaller.

The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.71	$1.71	$1.66⅝
Monday	1.76	1.76	1.71½
Tuesday	1.76	1.76	1.72⅝
Wednesday	1.77½	1.77½	1.73
Thursday	1.75½	1.75½	1.73
Friday	1.73½	1.73½	1.74¼

Crop movement in bushels follows:—

	Receipts—		Shipments—	
	1936.	1935.	1936.	1935.
This week..	46,125	948	....	....
Since Aug. 1	2,960,829	281,575	277,601	451,249

MINNEAPOLIS, June 19.—Demand for flaxseed was good all through the week with diversion point buyers showing most aggressiveness. Eastern buyers wanted supplies and bought freely. Local crushers had good shipping instructions on their oil contracts and bought submissively. They did not care to compete with the diversion point buyers. They had a fair supply of oil on hand and also had some private bin stocks of flax to draw on. As matters stood local buyers had to pay a sharp premium compared with diversion point bids and they did not care to advance the cost of their raw material.

Offerings were fairly liberal from day to day but were fairly well looked after. Most of the seed offered for local unloading was of the mediocre or poor Minnesota type. Offers from South Dakota were fair, but most of the Montana quality met with diversion point demand.

Crop news is very bad on the average. A large acreage was sown when rain fell and it looked like an extra large crop, but dry weather reports nullified the effect of this news. According to reports a large part of North Dakota and of eastern Montana lack moisture and chances are not very good for favorable germination or early growth. Country selling of September futures was steady up to the end of last week, but this week some buying developed for country interests.

The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.73	$1.66	$1.63
Monday	1.77	1.70	1.68
Tuesday	1.79½	1.72½	1.69½
Wednesday	1.80	1.73	1.70½
Thursday	1.78	1.71	1.69½
Friday	1.79½	1.72½	1.72½

Crop movement in bushels as follows:—

	Receipts—		Shipments—	
	1936.	1935.	1936.	1935.
This week..	41,000	70,760	111,220	23,800
Since Sept. 1	7,964,260	4,711,796	1,475,230	960,200

WINNIPEG, June 19.—Changes in flaxseed quotations were frequent and at times sharp. Trading was quiet. The week's closing range was as follows:—

	Cash.	July.	Oct.
Saturday	$1.45¼	$1.45	$1.40⅞
Monday	1.49¼	1.49¼	1.44½
Tuesday	1.46½	1.46½	1.42½
Wednesday	1.49	1.49	1.44½
Thursday	1.48	1.48	1.44½
Friday	1.49½	1.49½	1.46⅞

BUENOS AIRES, June 19.—Opening prices per bushel on June contracts were:—

	Last week.	Last year.
Saturday	$1.20¾	$1.00⅝
Monday	1.20⅞	1.00⅝
Tuesday	1.20¾	.99⅝
Wednesday	1.20⅝	1.00
Thursday	1.21⅛	*..
Friday	1.21⅛	.99⅝

* Holiday.

Exports

To—	Bushels— Last week.	Previous week.	Last year.
United States	.....	.....	71,000
United Kingdom	.....	.....	91,000
Continent	677,000	272,000	165,000
Orders	295,000	181,000	311,000
Others	.....	.....	39,000
Totals	972,000	457,000	677,000

Since January 1

To—	Bushels— This year.	Last year.
United States	5,582,000	8,700,000
United Kingdom	295,000	770,000
Continent	14,764,000	17,948,000
Orders	7,172,000	11,632,000
Others	1,214,000	1,947,000
Totals	29,027,000	40,997,000

Visible Supply

	Bushels.
Last week	5,906,000
Previous week	6,299,000
Last year	6,693,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels— Last week.	Previous week.	Last year.
United Kingdom	40,000	132,000	120,000
Continent	16,000	4,000	4,000
Others	24,000	20,000	.....
Totals	80,000	156,000	124,000

Since April 1—	Bushels— This year.	Last year.
United Kingdom	2,276,000	1,388,000
Continent	556,000	180,000
Others	44,000	4,000
Totals	2,876,000	1,572,000

HULL, June 19.—Quotations on flaxseed were:—

	Per ton— La Plata.	Calcutta.
Saturday	£11	£13
Monday	11⅛	13
Tuesday	11	13
Wednesday	11	13
Thursday	11⅛	13⅛
Friday	11⅛	13⅛

Linseed Oil.—The market here continued quiet much of the time last week but the tone was firmer, owing mainly to less favorable flaxseed crop accounts from the Northwest. A contributory influence, however, was apparently the expectation of some improvement in demand as a result of the prospective tax on importations of perilla oil.

Quotations were advanced by some crushers to 8.9c. per pound in tankcars and there was little disposition among sellers late in the week to accept business below that figure, while in some quarters 9.1c. was named though it was intimated that this basis could be shaded slightly on a bid.

Inquiries for oil were not entirely lacking but such transactions as were noted were limited to unimportant quantities, buyers in large consuming industries apparently being disposed to hold off for the July government report on the flaxseed crop. There was a steady movement into consuming channels on unfilled contracts, however, and the indications seemed to some to point to a further expansion in the requirements of consumers as favorable reports continued to be received concerning activity in construction and painting following more favorable weather in many parts of the country recently for such work.

Northwestern markets for flaxseed futures were more active, speculative interest being stimulated by the change for the worse in crop accounts from important producing states, lack of moisture for germination being the chief complaint. In many sections subsoil moisture is said to be decidedly deficient and unusually favorable weather will be required during the growing season to produce anything like the crop that was expected a while back. Crushers were buyers of futures on all recessions in prices last week and there was a steady demand for cash seed.

According to one report received last week, the crop in India is turning out somewhat smaller than expected, the yield now being put at 384,000 tons against 418,000 tons in 1935 and a five-year average of 387,600 tons. Favorable reports continued to be received concerning weather and crop prospects in Argentina though the work of planting does not get fully under way in that country until next month.

Receipts of flaxseed at New York last week were 303,596 bushels.

MINNEAPOLIS, June 19.—Demand for linseed oil exceeded seasonal average and according to most crushers was good. Buyers wanted their usual supplies for nearby shipment and bought in carload lots more freely. A few more tankcar lots were booked. Altogether the week was very favorable insofar as oil trade was concerned and interest of the buyers in new crop delivery was most encouraging. This interest was stimulated by less favorable crop reports. Buyers were inclined to hold off for a time on account of reports of a sharp increase in acreage but when the drought situation developed they were less bearish in their sentiment.

Stocks on hand are disappearing steadily on account of the fair to good shipping instructions and liberal out movement. Shipments are much above normal compared with the past few years.

Quotations on carload lots f.o.b. Minneapolis, June-December shipment, cooperage car lots 9.3c. per pound, tankcar lots 8.7c. per pound, warehouse lots 9.9c. per pound.

Shipments of oil in pounds were as follows:—

	1936.	1935.
This week	3,665,005	1,372,345
Since Sept. 1	93,179,050	45,735,014

CHICAGO, June 19.—Little change has developed in linseed oil that would be of sufficient importance to develop extensive price changes. Most of the principal sources of supply have continued to quote recently ruling prices, and the movement of material on this price structure has been somewhat limited. Consumption, however, probably is running along on a fairly good basis. Ruling prices of representative sellers are:—Tankcar, 8.9c. per pound; drums, car lots, 9.5c.; warehouse deliveries, five drums, 9.9c.

SAN FRANCISCO, June 15.—Buying of linseed was on the quiet side, with consumers only taking out oil as needed or at the most failing to look ahead much beyond a few weeks. Tankcar trade is not active at all. Drum lots are being favored. The market is generally easy, with tankcars available at several points below posted quotations. Quoted:—Tankcars, 9.5c. per pound; drum car lots ex-mill, 10.1c.; drum lots ex-warehouse, 10.5c. Meal is quoted at $26 to $28 per ton.

LONDON, June 19.—Quotations on linseed oil were:—

	Per cwt.— £.	d.
Saturday	24	10½
Monday	24	10½
Tuesday	25	3
Wednesday	25	3
Thursday	25	3
Friday	25	3

Cake and Meal.—The market had a firmer tone, the trend of quotations being upward. Meal was more active, buying interest being stimulated by unfavorable reports concerning pasturage as a result of drought. Sales were reported on spot at as high as $32.50 per ton and late in the week offerings on spot were light at that level. Cake was also somewhat more active and firmer, with $24 per ton quoted on spot.

MINNEAPOLIS, June 19.—Demand for linseed meal is fully equal to supply and tone of the market is strong. Virtually only one of the crushers has anything to offer and finds a ready outlet for his surplus. Few of the sellers are in a position to make any contracts for near or nearby shipment and they are able to dispose of all they have to offer.

Shipping instructions on maturing contracts are prompt on account of the limited supplies on hand in secondary positions. Millers are buying supplies for prompt delivery to take care of their mixed car business.

Quotations on carload lots f.o.b. Minneapolis, 30 percent protein, $23 to $23.50 per ton; 37 percent protein $27 to $27.50 per ton.

Shipments of meal in pounds were as follows:—

	1936.	1935.
This week	3,254,740	1,042,700
Since Sept. 1	194,526,709	66,948,900

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 4

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CHICAGO, June 19.—Linseed meal buying appears to have been fairly good lately; sufficient, at least, to have enabled the price situation to continue strong and apparently healhy. Feeder buying has been repored as being moderately active and fairly broad in nature. Round lot business of course continues to lag. Resellers have been in the market to a certain extent recently. Ruling prices are:—Round lots, $27 per ton, largely nominal; car lots, $27 to $27.50; less than car lots, $29.50 to $30.

Cottonseed Oil

The market for refined cottonseed oil futures had a generally firm tone with the trend of prices upward at times, changes being moderate. Southern markets for cottonseed products ruled firm. Cotton crop news was conflicting.

Cottonseed Oil.—Trading in refined oil futures in the local market was fairly active last week though there was not much snap to the dealings. Prices showed irregularity at times but in the main the tone was firmer and although there was little inclination among traders to take the aggressive on the long side, there appeared to be more disposition for the time being at least to buy than there was to sell. On strong spots, however, there was sufficient long liquidation and selling supposedly for short account to hold advances in check. Refiners were credited with operations on both sides of the market, purchasing near positions and selling distant deliveries. The operations of these interests, however, were not on an important scale. Commission houses were regarded in some cases as buyers early in the week and sellers later on.

Bullish developments were an upward trend in the markets for lard, tallow and cotton, and the firmness of crude oil and other cottonseed products in the South where confidence in the outlook appeared to have been strengthened by the course of various commodities here and the proposed tax legislation affecting imports of oils and fats which compete with cottonseed oil. Sales of crude oil were reported in the Southeast at 8c. per pound and asked prices in some sections were higher. A further advance occurred here in tallow, sales being noted at 5¼c. per pound delivered. The trend of the market for tallow futures was also upward.

The semi-monthly statement of lard stocks in Chicago made a bearish exhibit. Supplies there increased about 3,500,000 pounds during the first half of June as compared with a decrease of 2,400,000 in the same time last year. Stocks in that market on June 15 were 49,728,030 pounds against 42,092,216 pounds a year ago. Marketing of hogs continued on a comparatively liberal scale, arrivals in the principal Western markets for four days of the week amounting to 184,200 head against 147,200 head for the same time last year. The weight of the hogs received in Chicago during the week ended June 13 averaged 254 pounds against 251 pounds in the previous week and 265 pounds in the same week last year. American lard lost ground to a considerable extent in the British market in the first four months of the current year as compared with the corresponding period last year, the decline in imports being 36 percent.

Reports in regard to the progress of the cotton crop cut both ways but accounts from the Southeast were rather less bullish on the whole than recently. According to the weekly government report, in Alabama, especially the Southeastern part of the state and in the eastern belt from Georgia to North Carolina showers of the last two weeks have been decidedly helpful but there are many poor stands of cotton because of the long continued drought, some areas still being unrelieved. In Texas cotton shows further general improvement and except locally is mostly in good condition. Also in Arkansas and Oklahoma a satisfactory condition is indicated rather generally.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from June 13 to June 19, inclusive:—

	Cents per lb. in tanks—High.	Low.	Close.	Sales. Tanks.
June	...	...	9.20 nom.	..
July	9.32	9.01	9.31@ 9.32	134
August	...	...	9.32 bid	..
September	9.27	8.95	9.25@ 9.26	126
October	9.16	8.87	9.13 sales	98
November	...	...	9.00 nom.	.
December	8.98	8.70	8.96 sales	99
January	...	...	8.93@ 8.98	..
Total sales (10 switches)				467

Crude, Southeast, 8.25c. nom.
Valley, 8.25c. nom.
Texas, 8.00c. nom.

Chicago, June 19. — Somewhat better activity is reported in some sections of the cottonseed oil market. Prices in the main are steady to fractions higher in most cases. Tone seems a little healthier. Prime crude oil in Texas and Oklahoma is ruling at 8c. per pound; and in the Valley and Southeast, 8c. to 8⅛c. Good, off-Summer yellog fig oil is 9½c. Refined, edible oil is quoted at 10c. to 10¼c. per pound, barrels, car lots; and 10½c. to 11c., barrels, less than car lots.

Hull, June 19.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	26	9	25	0
Monday	26	9	25	0
Tuesday	26	9	24	6
Wednesday	26	9	24	6
Thursday	26	9	24	6
Friday	26	9	24	6

Cake and Meal.—Southern markets were reported as quiet with offerings light and the prevailing tone steady or firm. According to official statistics production of cake and meal during ten months of the season ended with May was 1,699,445 tons against 1,554,900 tons in the same time last season. Stocks at the mills at the close of May were 166,272 tons against 242,204 tons at the same time last year.

Markets at Other Centers

Atlanta, June 17.—The cottonseed products market is without change and quite inactive. The Eastern cotton belt crop is still suffering from lack of sufficient rain. The occasional showers that have been of some benefit have not covered all the area, and have generally been inadequate where they have fallen. Some seed have germinated after a shower where they were planted weeks ago, but the stand very generally is quite poor.

Quotations of this market are as follows:—

OIL.—Prime crude, 8c. per pound, nominal.

MEAL.—7 percent grade, $23.50 per ton, mill points.

HULLS.—Loose, $13 per ton.

LINTERS.—Second cut, 3½c. per pound.

Memphis, June 19.—Crude cottonseed oil ruled quiet during the past week, few transactions being reported. Today eight cents generally bid, Valley basis. A few tanks are available at 8½c. Most mills in this section have sold their output for the season and stocks are greatly reduced. The inquiry for cottonseed meal has improved somewhat during the past few days. The last sales reported were at $22 per ton, Memphis basis, for 41 percent meal. Drought conditions in many parts of the country are getting worse and this has had a strengthening effect upon the market for meal, especially as stocks on hand are unusually light in comparison with recent previous years. The cotton crop in this section is doing well but the weather has been dry and hot recently and rain is beginning to be needed.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	June 11.	June 18.
July	$21.25@—	$22.00@—
September	20.75@21.25	22.00@—
October	20.75@—	21.95@22.15
December	20.50@21.00	22.05@22.25

Animal Oils

Degras.—The market had a generally firm tone with quotations apparently well maintained. There were reports of some increase in buying interest though consumers were not disposed to anticipate to any important extent. Supplies on spot appeared to be light or moderate as a rule.

Lard.—A stronger tone developed owing to the recent advance in the cost of raw material. Quotations were generally 25c. per 100 pounds higher. Business lacked snap but there was a somewhat better inquiry for the various grades.

Neatsfoot.—Quotations were 25c. per 100 pounds higher in some instances with the tone of the market firmer as a result of an increase in production costs. There was a fair demand though business was generally of a conservative character.

Oleo.—The market retained a steady tone, quotations being maintained at the levels prevailing in the previous week. There was a somewhat better inquiry for moderate quantities.

Tallow.—Prices were advanced 25c. per 100 pounds, the firmer tone being a reflection of increased cost of basic material. Trade was routine.

Markets at Other Centers

Chicago, June 19.—A slightly better tone seems to have been developing in at least some of the grades of lard oil in the last few days. Buyers are willing to listen more attentively to sellers' ideas. Actual volume of material purchased is not greatly larger, but tone seems steadier. Most prices are steady to a shade firmer and stronger, compared with those which have been prevailing for some time. Tallows are ruling a little higher.

LARD.—No. 1, 8c. to 8¼c. per pound; No. 2, 7¾c. to 8c.

OLEO.—No. 2, 8½c. to 8¾c.

TALLOW.—Acidless, 7c. to 7¼c. per gallon, tanks; 8¼c. to 8½c., drums, less than car lots.

DEGRAS.—Spot, 6c. to 6¼c. per pound; neutral, domestic, 9c. to 9½c.

Fish Oils

Cod. — There was no increase in offerings from abroad and quotations on Norwegian ranged from 31c. to 33c. per gallon. Newfoundland oil remained nominal. Occasional inquiries were noted but many consumers were disposed to hold off for further events abroad.

Menhaden. — New developments in the way of price changes in refined oil were lacking, the market apparently being firm at the advance noted in the previous week. There was a fair inquiry from local and other consumers although buyers were not disposed to purchase to any important extent in advance of immediate or nearby requirements. Crude remained quiet, buyers being disposed to hold off for further developments in the fishing situation. Additions to stocks thus far have been small and sellers were still disinclined to offer, especially as competing product has displayed strength recently.

Sardine. — Refined oil met with a fair demand in a jobbing way and the market was steady, quotations being held by refiners at recently advanced levels. Crude was quiet on the Coast with offerings light and quotations nominal.

Whale. — Business lacked snap but there was a fair inquiry for small or moderate quantities, the movement being sufficient to give the market a steady tone. Previous quotations remained in effect.

Markets at Other Centers

San Francisco, June 15.—Fish oil marketing operations extended from Monterey to Alaska last week, as buying on the new season material finally swung into the picture out here and blocks of Alaska herring, and Oregon and California sardine oils moved into contract. The previous week Canadian pilchard oil was featured in the buying, with the market in this material remaining quiet last week.

Coincidental with this the first shipment of herring oil from the North were reported to have arrived in Seattle and were ready for consignment to the buyers in tankcar lots. Fishing for herring off Alaska has been very good since the start of the season there early this month. Approximately one-third of the potential herring production was reported sold, with prospects in view of marketing the balance in a short while, it was said. Prices were at a round figure of 25 cents per gallon.

Likewise, Oregon sardine oil started its new season exodus at a similar price when something like 25 or 30 tanks were sold. Smaller quantities of California oil were featured, but prices were higher, when some 8 or 10 tankcars, sold out of shore plants, moved into contract at 27 cents. The explanation of the higher figure on California oil was made when the sales were attributed to other than the large soapers. The latter have for the present fixed a top figure of 25 cents per gallon on Pacific Coast oil, but California producers have been loath to accept this price.

Whether or not the floating reduction plants will be placed under a tax and duty provision, as provided in the Bailey Amendment to the Revenue Bill, is a question eagerly watched here at the moment, as it is declared that this will practically eliminate high seas operations off this Coast if the bill in its present form goes through. The floaters would have the alternative of coming into the ports and operating under the wing of the State Fish & Game Commission, however, if the bill did pass. This would undoubtedly decrease production of California oil during the coming season, as the State has been endeavoring for some time to make a conservation program effective.

Old season spot sardine oil is being held here at from 28c. to 30c. per gallon.

Baltimore, June 17.—No transactions in oil have been negotiated so far and actual tests alone can determine just what may be expected of the users of oil in the way of demand. The resumption of fishing, however, has served to elicit from the producers some sort of definite overture as to price, with 30 cents named as the figure at which the fishing companies might book business. This intimation, however, has failed to bring a response from the buyers, who find tallow and grease quotations so low that they seem rather indifferent as to what the oil producers may propose.

Chicago, June 19.—The fish oil market situation appears to be attracting considerably more attention here in the last few days, without, however, developing any greatly increased volume of business. Advices from Coast sources indicate something of a furore over the legislative situation. Buyers are sending in for quotations, but are still keeping down the total volume of their buying.

COD.—Newfoundland, 40c. to 41c. per gallon.

MENHADEN.—East Coast, 33c. to 34c. per gallon.

SARDINE.—Pacific Coast, 28c. to 30c. per gallon.

SALMON.—Pacific Coast, sellers' tanks, 31c. to 32c. per gallon, largely nominal.

(Continued on page 55)

M. F. Austin, manager of the vegetable oil department of W. R. Grace & Co., this city, is enjoying a vacation in the Adirondack Mountains. He is expected back early next week.

Beehive Brand
BEESWAX
• Finest Quality
• Guaranteed Pure
WILL & BAUMER CANDLE CO., INC.
Dept. E 8 Syracuse, N. Y.
Established 1855
Spermaceti Red Oil Glycerine
Ceresine Stearic Acid

HEEKIN CANS--

On the Shelves of the Nation's Stores

HUNDREDS of thousands of dealers in every line have their shelves and display windows filled with those products that are packed in Heekin Cans . . because the colors are more beautiful, the lithography more appealing . . the character of the can more convincing of the quality of the product.

PUT your products in Heekin Cans and watch the dealers . . today dealers everywhere are insisting on attractive packages. Join in the procession. Write us today for complete information.

THE HEEKIN CAN CO., Cincinnati, O.

Fritzsche Brothers Has Improved Its Quarters

Driven From Old Home by Fire, Company Establishes Itself in Surroundings of Modern Conveniences and Marked Completeness

Adversity can be a disguised blessing, and ill fortune may be the prelude to new and greater achievement. All that is usually required to produce this result is the wisdom to recognize the opportunity and the willingness to seize it when it comes.

Ill-fortune and adversity in the form of a five-alarm fire on March 27, 1935, swept the Beekman street establishment of Fritzsche Brothers, Inc., essential oil importer and merchant, this city. It was an old, antiquated building that for twenty-five years had been the business home of the company. For a few years prior to the fire, company officials had realized that their quarters were inadequate, but sentimental regard for the old building prevented them from moving to modern quarters. When fire gutted the building in 1934, F. H. Leonhardt, president of Fritzsche Brothers, had the wisdom to recognize and seize the opportunity to re-house his organization in modern quarters. The result was the company's present establishment in the Port Authority Commerce building, where there have been installed

F. H. Leonhardt, President of Fritzsche Brothers

The original Fritzsche firm was founded as Fritzsche, Schimmel & Co., by Paul Fritzsche, identified with Schimmel & Co., Miltitz, Germany, on August 28, 1871. Mr. Fritzsche was joined by his brothers Paul and Hermann as partners in 1877, at which time the name of the company was changed to Fritzsche Brothers. Paul Fritzsche died in 1886, and was succeeded by Sigmund Leeburger as manager of the firm. On Mr. Leeburger's death, Carl Brucker, brother-in-law of Hermann Fritzsche, took over the direction of the company, and on his demise in 1913, he was succeeded by the late F. E. Watermeyer, who had come from Germany in 1895, and who had been made a partner on January 1, 1907.

Mr. Watermeyer and his associates bought out the German financial interests in the company and in 1919 incorporated the firm as a purely American company financed solely with American money. At the incorporation, Mr. Watermeyer became president. He died on March 19, 1934, and was succeeded by Frederick H. Leonhardt, who had been elected first vice-president.

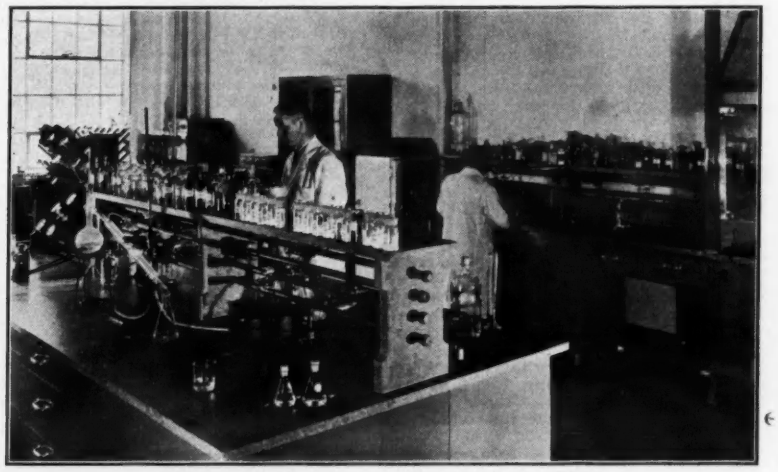
Mr. Leonhardt had joined Fritzsche Brothers in 1894, just one year before Mr. Watermeyer, and it is significant it was under these two men that the company rose to a pre-eminent position in essential oil circles in this country.

On April 2, 1934, Mr. Leonhardt was elected president of the company and at that time the following officers were also elected:—First vice-president and treasurer, W. A. R. Welcke, whose service began fifty-one years ago as office boy; second vice-president, B. F. Zimmer; third vice-president, George L. Ringel, and secretary, A. D. Armstrong.

It is impossible to reveal by words alone the equipment with which Fritzsche Brothers is surrounded in its new business home. Doors open automatically through the magic of the photo-electric cell. Merchandise from the world-wide primary markets is delivered by motor trucks to the twelfth floor truck pit which is surrounded by loading and receiving platforms. Along the north side spread large laboratories that house the perfumery, flavor, and general research activities of the company. Here may be found the latest and finest of equipment which provides

(Continued on page 44)

East Laboratory: General Research and Quality Control



Center Laboratory: Devoted to Flavors

the latest and best facilities that ingenuity and science provide. Starting from taw with a fine, modern building, Fritzsche Brothers spared no expense in equipping its quarters on the twelfth floor with every convenience available. The result was a business office with ultra modern equipment, and a system of laboratories, storage, packaging, and packing rooms arranged and equipped to produce a high efficiency in operations. And it has paid in dollars and cents; notwithstanding a higher lease and the expense of installing new apparatus of all kinds; savings in insurance and lighting expenses alone have made the cost of doing business less than it was in the old building at 82 Beekman street.

During the past two weeks, Fritzsche Brothers mailed to its many friends at home and abroad a photographic brochure, depicting the new home of the company. The brochure contains forty pages, of which thirty-one are pictures and but five of which contain printed matter. The whole is bound in black leather, and is distinguished by the excellence of the photography, and the completeness in which the quarters are portrayed. Although not planned, the souvenir commemorates the sixty-fifth year of the company's business.

Conference of Directors and Owners

George L. Ringel, Vice-President; A. D. Armstrong, Secretary; B. F. Zimmer, Vice-President: F. H. Leonhardt, President; W. A. R. Welcke, First Vice-President and Treasurer

Purchasing, Import-Export, and Statistical Departments

Air-Conditioned Storage Room for Essential Oils

Drugs, Fine Chemicals

Minor Strychnine Salts Reduced—Alcohol Prices Considered to Be Low — Quicksilver Cheaper — Codliver Oil Promotion Running Behind That of a Year Ago—Agar Higher

Price developments in the market for drugs and fine chemicals were fewer last week, the outstanding movements being the higher quotations on agar agar, and the lower prices set up on minor strychnine salts, quicksilver, and silver bullion in London. Domestic prices on silver bullion and nitrate held unchanged. Interest was noted in the probable prices to prevail in the alcohol market after July 1 but no official announcement was made last week. Demand throughout the market generally was about level with the seasonal call at this time of the year.

The reduction in quotations in minor salts of strychnine had been thoroughly forecast by the very severe drop in prices on sulphate and alkaloid that came in the previous trading period. The entire downward swing in values has been forced on this market by the presence of severe competition that caused prominent producers to go to the mat with those who had been "chiseling" the former schedule. The prevailing schedule was not considered remunerative.

Prices for agar agar in Japan continued to advance at a sustained rate and the result here was to bring about further advances in spot quotations and to create a market of exceptionally firm undertones. In fact, sellers seemed to display considerable reserve in making their offerings, fearing extension of the recent upward trend in values at the source.

The alcohol situation was one difficult of analysis. Present prices were frankly declared to be very low and not productive of returns which should acrue to the distillers. It was therefore thought that when the next price announcement is made, the quotations will at least be no lower than those current during the second quarter of the year. Whether or not stabilization will be sought at current prices is a question. Success in securing raw materials at lower prices was most uncertain. It was expected that the situation would be cleared up as much as it can be in the not far distant future.

Quinine prices were firm at the recent advance. Quicksilver was lower on the spot and the market seemed competitive. Mercurials were not affected but they were not especially steady. Iodine and iodides were fairly steady at the recent decline.

Acid, Citric.—Movement of this item into consuming channels was said to be very good last week. The call was along normal lines and kept the undertone of the market firm and made for well maintained prices throughout the period.

Acid, Gallic.—Interest in this article was routine. The call for U.S.P. goods was steady and was productive of a normal volume of transactions. Prices remained firm to steady throughout the entire period.

Acid, Hydriodic.—Lacking any further change in the basic cost of raw material, this acid remained very steady on the spot and prices held at the lower levels recently established in all quarters. Demand was routine.

Acid, Lactic.—Firmer market conditions prevailed last week. Cost of replacements was more firmly held in the primary market and the values quoted on spot received considerable support from buying by the major consumers of the material. The market closed firm.

Acid, Tartaric.—Consumption was in very fair-sized volume so far as sales to manufacturers whose requirements expand during the current season of the year. Movement was good and well maintained last week and the market closed firm without further price developments.

Agar Agar.—Spot quotations were advanced to 72c. to 73c. per pound for the No. 1; 68c. to 69c. for the No. 2; and 60c. to 61c. for the No. 3 material. These further advances in prices reflected the strong position in the primary market and constant advance in replacement costs at the source.

Alcohol.—The producers were looking forward to the coming period of active writing of contracts for the sale of the large volume formulas of denatured alcohol. Indications were that the business to be written would go to substantial figures and for the most part there was reason to believe that values would assume a fairly firm position. The extreme competition that had prevailed in the East in the not far distant past has been reduced to a considerable extent. The present price schedule is low and last week it was doubted that the next schedule would be any lower than that now in effect.

Aloin.—Somewhat steadier prices were reported. The downward trend in raw material prices seemed to have been checked for the time being at least and for that reason, producers of aloin stood pat on their recent quotations while awaiting further developments in the raw material market.

Ammonia Chloride.—Considering the fact that this is usually the season when demand is the least active, the movement of this article was said to be still holding at a very fair level. Undertones were firm and prices lacked any sign of unsettlement that competition might have produced.

Barium Sulphate.—Well stabilized and generally firm prices prevailed. Consumption was normal, according to all sellers and competition was a negligible quality. The stabilization of values has resulted from the similar situation ruling the raw material market.

Bismuth Metal and Salts.—Prices remained steady. Manufacturing requirements accounted for the supplies of bismuth metal available for prompt delivery. The cost of the latter was on a very firm basis and that condition was reflected in the schedule of quotations on bismuth salts. Demand for salts was about normal.

Cadmium Metal and Salts.—Business was routine, but fairly steady in point of total volume of sales. The firm position of metal found reflection in the sturdy maintenance of quotations on salts and the situation as concerned the future promised a fairly stable market position.

Caffeine.—Normal movement was afoot and volume was very good for the most part. Prices for the entire group were on the firm side. Production was said to be ample to meet any reasonable expansion in the consuming requirements of buyers.

Camphor.—For this season of the year, the demand was said to be very good. The spot was notable for its lack of substantial competition, this for the reason that the stocks of imported camphor were not unduly large and the first cost of the same tended to hold any tendency toward price shading fairly well in check.

Castor Oil.—Inquiry was very good, being at least level with the recent volume of demand coming from the manufacturing consumers. Prices were generally firm, reflecting the absence of weakness in the cost of raw material. Production was ample for all present need.

CHICAGO, June 18.—No change of importance is reported in the castor oil market. Buying has been along moderately liberal lines, without, however, developing anything resembling a rush of orders. Tone is fair. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots; 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barre'ls, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Chloral Hydrate.—Demand was rather light. It was usually within jobbing limits and the total of trade was not substantial in size. However, the market continued to be well stabilized for the most part and prices remained on a firm basis.

Chloroform.—Undertones were steady and the market generally was well maintained so far as prices were concerned. Demand changed little from the recent volume, which was said to

Price Changes

Prices were changed during the past week as follows:—

Advanced

Agar agar, No. 1, 2c. per lb.
No. 2, 1c. per lb.
No. 3, 6c. per lb.

Reduced

Quicksilver, 50c. per flask.
Silver bullion, London, 1/16 pence per oz.
Strychnine, acetate, 4c. per oz.
arsenate, 4c. per oz.
arsenite, 12c. per oz.
glycerophosphate, 12c. per oz.
hypophosphite, 11c. per oz.
nitrate, 13c. per oz.
phosphate, 11c. per oz.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
178.8	178.8	183.9	186.1

Market news that may have developed after this report was sent to press will be found on page 2.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 4

MILK SUGAR
(LACTOSE)
Produced at Our Gustine, Cal. Plant
Powdered — Impalpable
Highest Quality — Best Prices
SMITH, KLINE & FRENCH LABORATORIES
109-115 North Fifth Street
PHILADELPHIA
"When you think of MILK SUGAR think of S-K-F"

have been about normal for this season of the year. Production has yielded a considerable reserve supply.

Cocoa Butter.—Although the market was not very active, prices remained steady as the stocks unsold and in the hands of the producers were not excessive in size. Demand was usually for comparatively small lots. The carlot quantity price remained at 15c. per pound.

Codliver Oil.—Advices from the primary market were to the effect that because the production season is so near to its close, there is little change of the output reaching the not large output of last year. Although cod has been plentiful, the yield of oil from the livers has been comparatively small. The catch of cod is about 18,400,000 kilos ahead of that a year ago but the output of oil is 2,788 barrels less to June 3. The result is a steady to firm price position of oil available for sales on later delivery account.

BERGEN, June 3.—Fishing is still going on, but on a small scale, and last week the total output of the fisheries was 1,258 barrels of crude medicinal codliver oil. The total catch and production up to the present time compare with previous years as follows, according to the official report issued yesterday:—

	Cod, kilos.	Crude oil, barrels.
1936	130,000,000	54,645
1935	111,600,000	57,433
1934	138,500,000	72,828
1933	137,400,000	67,103
1932	160,900,000	80,757

Glycerin.—Considering the time of year, consumption of chemically pure glycerin was said to be in very good volume. The output of the refiners was said to be moving into consumption at a very good rate, thus tending to keep the market to a firm basis reached when values were advanced some time back. Crude was still comparatively high in cost and that was a strengthening element in the price situation on chemically pure material. Consumption of dynamite glycerin has been very good because of extensive requirements of the many construction products throughout the country.

CHICAGO, June 18.—With an in-between-season situation prevailing in glycerin, the c. p. market is dull and rather featureless. Conditions are quiet and have shown little change. Other grades of glycerin are marking time. Ruling prices of representative sellers are:—C. p., drums, car lots, 14½c. per pound; drums, less than car lots, 15c.; cans, less than car lots, 16½c. to 17½c., according to quantity; dynamite, car lots, 14½c.; less than car lots, 15c.; soaplye, 11½c. to 12¼c.; yellow distilled, drums, car lots, 14⅜c.; less than car lots, 14⅞c.

Menthol.—Production of synthetic menthol, if realized on a scale sufficient to give the American market to American makers, would require an additional production of 1,000,000 pounds of raw material. It is realized here that domestic manufacture may have much influence on the menthol market generally but in some quarters it was felt that the Japanese would not lose their American market without putting up a substantial fight to retain it. It appears to be a matter of cost of production and some who have manufactured U.S.P. synthetic menthol for some years declared that it cannot be made to sell for less than $3 per pound even though the raw material is now at record low price. The market for synthetic and natural menthol was comparatively quiet last week.

Mercurials.—Mercury was slightly lower last week without prices on the mercurial group being affected. They were sensitive to raw material changes, however, and on the whole the market seemed to be slightly less settled than it had been in recent periods.

Milk Powder.—Production has suffered to some extent by the drought which was broken but recently. Ample rainfall, however, is expected to return a normal pasturage and it is hoped that the output of milk will provide sufficient raw material to maintain the production of milk powder, prices were very firm.

Phenobarbital.—Consumption proceeded along normal lines that tended to create fairly steady undertones in the market for this material. Replacement costs were generally firm. Competition was not very keen in local circles.

Quinidine.—Prices on sulphate were not changed when quotations on cinchona derivatives were advanced in the previous trading period; the market was held at 67c. per ounce. The price on alkaloid was 91c. to 98c. per ounce, prevailing according to form of the item.

Quinine.—The recent advance has been established in firm position. European costs have been raised and firm conditions were said to rule there also. The higher prices prevail notwithstanding the fact that stocks of bark in the Far East are large and the manufacturing requirement for the same does not seem to be increasing substantially. Domestic makers reported a very good request for all kinds of quinine and declared for a firm market in the articles.

Quicksilver.—Quotations were lower at $75 to $76 per flask on spot last week and the market did not seem to be particularly well maintained at any time. Consumption has been productive only of a moderate volume of demand for spot goods and the competitive prices at which foreign metal has been obtainable has tended to unsettle the position of domestic material.

SAN FRANCISCO, June 15.—Quicksilver is easier. Sellers here report the market as quiet and lacking in buying interest. Trade is mostly going on a small lot basis, insofar as the domestic product is concerned, it is said and foreign competition is rather depression, making for a light inquiry here. The market is quoted at $74.50 per flask in 100-flask lots, New York delivery basis; local quotation, 65c. per flask less.

Silver Nitrate.—The schedule of prices since the last reported prevailed at the following, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
	Nitrate. Cents.	Bullion— New York. Cents.	London. Pence.
Saturday	32⅝	44¾	19⅞
Monday	32⅝	44¾	19⅞
Tuesday	32⅝	44¾	19⅞
Wednesday	32⅝	44¾	19¾
Thursday	32⅝	44¾	19¾
Friday	32⅝	44¾	19⅞

HEADQUARTERS
for
ALL GRADES
TRAGACANTH
• ARABIC • KARAYA • TAHLA • GHATTI •
COMPLETE STOCKS • CRUDE AND MILLED
LABORATORY-CONTROLLED QUALITY
MOST FAVORABLE PRICES.
WIRE OR WRITE FOR SPECIAL QUOTATIONS
S. B. PENICK & COMPANY
132 NASSAU STREET, NEW YORK
1228 WEST KINZIE STREET, CHICAGO
THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Strychnine.—All minor salts of strychnine were reduced last week. The new schedule was as follows:—Acetate arsenite and glycerophsphate, 64c. per ounce; arsenate, 66c.; hpyophosphite, 75c.; nitrate, 58c.; phosphate, 65c. These movements were in line with the very severe reduction made in the quotations on alkaloid and sulphate during the previous trading period. The reductions have all been made to meet competition.

Thomas J. Mullen, president of the U. S. Bronze Powder Works, this city, sailed June 16, for a six weeks' business trip to Europe.

P.A. Names Meyer Head Of Advertising Advisers

Frank A. Blair, president of the Proprietary Association, reports the appointment of Earle A. Meyer as executive secretary of the association's advisory committee on advertising, succeeding Edward H. Gardner, who has resigned to become vice-president of Morse International, Inc.

Mr. Meyer, for the past two years, has served as director of trade, press and public relations for the Proprietary Association. He has been connected for several years with the Thompson-Koch Company, advertising agency, Cincinnati, and will retain his connection with that firm. He was previously connected with the General Motors export division and the J. Walter Thompson Company. He is a native of Missouri.

Mr. Gardner, with the Morse International, will work chiefly on the Vick Chemical Company account, but will give special attention as well to the development of a merchandising and technical personnel.

Walgreen Drug Stores, Inc., has leased a ground floor unit in the Empire State building, this city, consisting of four of the largest stores on the Thirty-third street side and extending through to the south lobby of the building.

C/P
CHEMICALLY PURE GLYCERINE U. S. P.
PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

ANACONDA
PHARMACEUTICAL (U.S.P.)
ZINC OXIDE
MADE FROM ELECTROLYTIC ZINC
99.99+% PURE
ANACONDA
from mine to consumer
INTERNATIONAL SMELTING AND REFINING COMPANY
Zinc Oxide Department
EAST CHICAGO, INDIANA
AKRON, OHIO NEW YORK CITY
WAREHOUSE STOCKS LOCATED IN PRINCIPAL CITIES

MILK SUGAR
NATIONAL BRAND
National Brand Sugar of Milk has been the standard of Quality the world over since 1883.
Powdered Granular
Impalpable
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Botanical Drugs, Gums

Heavy Arrivals Noted As Buchu Advances Further—Coriander and Cumin Up for Shipment—Peru Balsam Down but Steadier at Decline — Clove Up

Considering the fact that official Summer was only a matter of days away, and the further fact that botanical drug business in Summer is usually fairly dull, trade during the past week on spot reached a fair sized total. The number of jobbing orders was nearly substantial in size and that fact accounted for a volume of sales that, on the basis of the individual quantities called for in most orders, might reasonably have been small had not there been a considerable number of such requests. The undertone of the spot market seemed to be fairly steady, though there still prevailed an amount of competition that occasionally was the forerunner of price concessions when firm orders were in sight. Open changes in values were not numerous nor did they come in materials of prime importance in the medicinal botanical groups.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Arabic gum, sorts, ¾c. per lb.
white, No. 1, 2c. per lb.
No. 2, 1c. per lb.
Buchu leaves, 5c. per lb.
Cardamom, decorticated, 1c. per lb.
Coriander seed, Morocco, ½c. per lb.
bleahed, ¼c. per lb.
Clove, Madagasar, ¼c. per lb.
Zanzibar, ½c. per lb.
Ginger, Japanese, 1c. per lb.

Reduced

Arnica flowers, 1c. per lb.
Bryonia root, 1c. per lb.
Cocciliana bark, 2c. per lb.
Cranesbill root, 1c. per lb.
Peppers, white, Singapore Muntok, ¼c. per lb.
red, Japanese chillies, 1c. per lb.
Pimento, ½c. per lb.
Papain, powdered, 5c. per lb.
Peru balsam, 5c. per lb.
Rose flowers, red, 10c. per lb.
Sandarac gum, 6¾c. per lb.
Squill root, white, whole, ½c. per lb.
powdered, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
107.7	107.4	107.5	83.5

Market news that may have developed after this report was sent to press will be found on page 2.

Possibly the more prominent price development among medicinal crude drugs was the further advance in buchu leaves. This rise came at a time when stocks of the article had been increase sharply by substantial arrivals during the previous trading period. Ordinarily, such a quantity would have brought out lower prices. Against such a normal development was the fact that the goods had been bought at steadily advancing prices in South Africa and added strength to spot prices was given by the continued advance in shipment costs last week.

Lower quotations were noted on arnica flowers, byronia, and cranesbill roots. These movements seemed to anticipate reductions in new crop costs and came on a very dull market. Cocciliana bark was down under competition that had been current for some time past.

Red rose flowers yielded once more to the effect of the lowering of import duty; spot prices were down. Peru balsam was also lower again but the price was closer to replacement costs and a steadier market appeared to be a prospect for the future. Powdered papain was also lower under competition.

On the side of market strength was the development in clove spice, replacement and spot costs being advanced. Coriander and cumin seed were higher for shipment and the spot quotation on the first named material was raised. Japanese singer was in very low supply at an advance.

Entries of botanicals at the port of New York since the week of January 1, 1936, and detentions of these seeds by the Department of Agriculture because of the presence of matter rendering the seeds unfit for human consumption, were:—

	Bags—Detained.	Bags—Entered.
Anise	1,343	1,582
Caraway	4,233	11,286
Cardamom (cases)	140	1,361
Celery	85	2,208
Coriander	1,438	3,112
Cumin	100	2,965
Dill	55	65
Fennel	180	541
Mustard	...	9,701
Poppy	...	11,432
Sage leaves (bales)	52	52
Sesame	121	172,930
Thyme herb (bales)	52	292
Totals	7,799	217,537

Balsams

Tolu.—The undertone of the spot market was slightly improved last week and there was a substantial decrease in the recent tendency toward shading of quotations. The improved situation was in line with the somewhat better inquiry noted for the material.

Peru.—Quotations were lower at $1.10 to $1.15 per pound. It was said that the prevailing spot price lined up well with that ruling on goods in the replacement market. A fair sized request tended to make a more steady market on the spot a prospect for the future.

Barks

Black Haw.—Demand was moderate but the market held steady on the basis of the recent concessions in prices. Outlook for collection was believed to be fair but there was no suggestion of the creation of an important surplus of the material.

Cascara Sagrada.—Further reports from the primary market emphasize the view that the peel will be comparatively small this year and as the carryover will be negligible, the outlook for normal supplied for the consuming trades throughout the world is none too good at the present time.

Cocciliana.—The market was competitive to an extent that resulted in a 2c. drop in prices toward the close of the previous trading period. Quotations prevailed at 22c. to 23c. per pound last week but the conditions noted suggested the probability of further shading when orders were in sight.

Lemon Peel.—The recent advance was fully maintained and there were those who expected a further rise in values if demand reach the primary market in a volume indicative of an expanding consuming requirement of this article.

Orange Peel.—All sources of supply indicated that the market was firm and well held at the higher levels recently paid for replacement goods. Spot quotations reflected the situation at the source and there was not the slightest trace of any tendency toward shading.

Beans

Calabar.—A market of routine proportions ruled last week but to a considerable extent the situation was indicative of a nominal situation, this for the lack of more than the smallest interest in offerings. Prices held free from change.

Vanilla.—Strong undertones ruled the foreign markets. Stocks of good quality Bourbon beans were comparatively small in France and the existing supply was held in strong hands whose view as to the future of values usually looks toward an advance to come. The general feeling is that stocks will remain subnormal until such time as higher returns to the growers results in an expansion of the acreage planted in the Far East. As regards Tahiti beans, the outlook for production in 1936 favors a greatly increased production. Such a view is supported in part at least by the following comparative statement of shipments from the source to the whole during the first quarters in 1935 and 1936:—

	Kilos—1935.	Kilos—1936.
France	386	14,646
United States	245	5,007
Australia	820	3,616
Germany	3	2,009
England	...	804
Canada	...	698
Mexico	189	243
New Zealand	524	126
French Colonies	3	9
Totals	2,170	27,248

Berries

Prickly Ash.—Little has been heard regarding collection of berries this year but as a fair sized holdover has been noted in some directions, the opinion of local dealers last week was that supplies would be sufficient to met manufacturing needs at steady prices.

Saw Palmetto.—Stocks in the prim-

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on Page 4

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ANALYZED - STANDARDIZED
CRUDE DRUGS

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Agar Agar
Aloes
Aniseed
Benzoin Gum
Blood Root
Buchu Leaves
Cardamon Seed
Cinchona Bark
Cinnamon Bark
Cochineal

Ergot
Ginger Root
Henna Leaves
Insect Powder
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Mustard Seed
Orris Root
Papain
Psyllium Seed
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ary market were comparatively small and were held in quarters noted for firmness as to views on prices and determination to hold the market to its present superior position at the source. Spot holders were firm in their views as they have already paid stiff advances over the prices at which they secured their supplies last year.

Flowers

Arnica.—The market was shaded to 23c. to 24c. per pound. At the present time, there seems to be some tendency to discount any reductions in replacement costs that may result from the competition of new crop goods. Demand remained moderate.

Calendula.—The tendency was to accept bids but open quotations lacked any change last week, the market being 65c. to 70c. per pound is quoted. Demand was limited to comparatively small quantities. According to reports current last week, this item may be offered from India in the future.

Rose.—Prices on red rose leaves were lowered once more last week, spot offerings being made on the basis of $1.55 to $1.60 per pound. No change in quotations on pale flowers was made but the item was reasonably easy. Demand was along jobbing lines only last week. Offerings from India may come on this market ultimately.

Safflower.—Replacements were hard to obtain and to a considerable extent goods at the source were in nominal position. On spot, stocks were likewise in small supply and prices would probably be advanced further should much of a demand develop.

Saffron.—Spanish flowers were comparatively easy on the spot because of the inactivity of buyers who operate in excess of jobbing lots. Open quotations lacked change. Mexican saffron was in low supply and at 50c. to 55c. per pound the market was subject to an advance should demand show much improvement.

Gums

Aloe.—No further change in prices was reported but the market so far as Curacao goods was fairly favorable for buyers and the offerings were numerous. A substantial unsold stock in the primary market, however, was still held for comparatively high prices, the owner continuing a course of holding stocks rather than to sell them at a loss.

Arabic.—Prices were higher, reflecting an advance in the asking prices cabled from the source. Amber sorts were inside at 9¾c. to 10c. per pound for the most part, although it was not entirely certain that business could not be placed at 9½c. White sorts were very scarce on the spot. No. 1 was held at 27c. to 28c. per pound and the No. 2 was quoted at 25c. to 26c. A difference in opinion regarding the size of spot stocks existed locally. Some quarters declared that the reserve was low. Others declared that substantial quantities of imports since the first of the year remain unsold. The future trend of prices will depend almost solely on the quantity of gum which this country will buy in the primary market. Substantial buying will probably confirm the present attempt of shippers to establish higher price levels. Lack of such buying may defeat that purpose. Shipments to the United States in the first quarter of this year were somewhat less than they were in the corresponding period a year previous.

Myrrh.—Limited demand continued to keep prices below replacement cables received in the recent past. Such demand has tended to make a competitive market on the spot, to the advantage of buyers. Calls from consumers were moderate.

Olibanum. — No further unsettlement of prices was noted but because of moderate demand, the situation was still quiet and easy within somewhat narrow limits.

Tragacanth.—Control of production and prices at the source has worked to the establishment and maintainence of replacement costs at levels indicative of a high cost on further shipments to this market. A very good demand has prevailed locally and all sellers have had, and last week continued to express, exceptionally firm views on the market. They also avoided much in the way of competition.

Herbs and Leaves

Buchu. — Although recent arrivals have reached a substantial total but the prices paid at the source were advanced continuously as the goods were bought; and at the moment very little is to be had; every inquiry is answered by a further rise in quotations. Hence, the substantial increase in stocks has failed not only to break the market but has been actually accompanied by a further advance. Prices were 55c. to 60c. per pound.

Digitalis. — Demand was moderate but the market held steady. Early reports concerning progress of the new crop have been meager but none of them suggest the probability of an excess supply being made ready for the market later on. Container costs may raise prices still further in the future.

Henbane.—Because of the failure of the primary market to push the remainder of last year's crop on the world markets, values have assumed a firmer position notwithstanding the fact that another crop will be marketed in the not far distant future. Local demand was moderate.

Marjoram.—Foreign shipment prices were about steady. Sellers were little disposed to contract for the sale of shipment goods to be paid for in francs, this for the reason that the value of the franc may be upset almost any day. The tendency was to sell only in dollars.

Thyme.—The market was still fairly competitive but on the whole sellers were able to secure full prices for the reason that most orders involved comparatively small quantities of merchandise. Replacement costs were unaltered, though they were unsettled somewhat by the unstable position of the franc.

Miscellaneous

Cantharides.—Not much demand was noted locally during the past week but the market seemed to be at least somewhat steadier than it had been in recent weeks when values had been undermined by persistent competition in local circles.

Colocynth Pulp.—The market was quoted 50c. minimum last week but conditions were such as to suggest that that figure was subject to possible shading on the development of attractive business. Trading continued to be fairly quiet last week.

Lycopodium.—The arrival of goods from abroad failed to weaken the spot market on this material. The supply was still little in excess of reasonable consuming requiremetns and hence holders of spot goods continued to maintain very firm prices. Also, replacement costs were such as to check price competition for the present at least.

Manna.—Stocks showed some increase but the change in supply available was not sufficient to bring out any further signs of the latest weakness than had prevailed in the market for a long time past. Demand was narrow and confined to jobbing requirements.

Papain.—Competition was keen and the market was unsettled so far as prices were concerned. Quotations were down to $1.20 to $1.25 per pound for powdered goods and there was not much of a demand to check the continued downward drift of local values.

Roots

Bryonia.—Lack of demand and a somewhat favorable outlook for new stocks resulted in one quarter on spot accepting business last week on the basis of the slightly lower quotation of 9c. to 10c. per pound.

Cranesbill.—Spot quotations were shaded to 9c. to 10c. per pound during the past week and the market was somewhat slack during the period. Supplies unsold at this time were said to reach a fairly good sized total in some directions—the quarters where prices were shaded.

Derris.—Production of this root in the Philippine Islands is indicated by the fact that some 470,000 cuttings have been shipped there from British Malaya. The exportation was from Singapore and the cost was approximately six Straits dollars a thousand. The cultivated area in Perak and Malacca, British Malaya, has been extended substantially, too.

Squill.—The absence of much interest in the article has brought some easing of the spot market. The dull season of the year was in full swing and hence the lowering of prices was not unusual. Whole white squill was priced at 7c. to 8c. per pound and 14c. to 15c. per pound was named on powdered material.

Turmeric.—Conventional demand was noted in the market for this coloring material. Prices seemed to be fairly steady, the effect of new crop arrivals having worn off and a more clearly defined market substituted for the unsettlement and price weakness that had prevailed.

Seeds

Anise.—The market lacked signs suggestive of any relaxing of the recent strength that caused sharp advances in prices on Star and Spanish material. The undertone was very firm. Demand was moderate.

Cardamom.—Decorticated seed was higher at 96c. to $1 per pound, seed from interior points having been sold into consumption at the previous quotations. The supply was much reduced. Bleached and green seed remained very firm on the basis of the recent advance.

Celery.—Indications were that the 1936 crop of India seed would be comparatively small and that sales against the same have already reduced unsold holdings to the vanishing point. The entire market on both French and India seed was firmer.

Coriander.—Shippers in Morocco wanted higher prices on new crop seed and the market seemed to be much more firmly maintained there. On spot, stocks were down substantially and something akin to scarcity was said to have developed. Quotations were higher at 6½c. to 7c. per pound for the natural, and 7¾c. to 8¼c. for the bleached variety.

Cumin.—Primary market shipped have strengthened their views substantially so far as sales prices on new crop seed were concerned. No change came on spot but holders were disposed to await further developments before pressing sales actively.

Rape.—Futures were very active. New crop goods from Japan were in constant request throughout the period and sales resulted in replacement costs stiffening substantially by the close of the period. Spot quotations were very firm.

Sunflower.—The roasting grade of California seed was firmer in keeping with reports to the effect that the size of the new crop was most uncertain this year because of climatic conditions.

Spices

Clove.—The primary markets advanced strongly and spot quotations moved up to the basis of 14¼c. to 14¾c. per pound on Madagascar, and 14¾c. to 15¼c. per pound to Zanzibar material. The rise forced makers of clove oil to raise their contract figures.

Ginger.—Japanese goods were strongly held at the higher level of 15½c. to 16c. per pound. The supply was extremely small. No new developments were reported in the African, Cochin, or Jamaica roots. Demand was moderate as to volume but was also fairly steady most of the time during the past week.

Paprika.—Shipment prices on Spanish paprika were higher because of a prospective increase in labor costs, as indicated by the labor unrest in Spain. Also, weather conditions have been mainly unfavorable thus far, affecting the new crop adversely. Spot prices were substantially firmer.

Peppers.—White Singapore Muntok was a fraction lower at 10½c. to 11c. per pound last week. Sharper competition in Japanese chillies also resulted in values dropping to the basis of 11¼c. to 11¾c. per pound on the spot, following a sharp dip in the shipment prices. Black peppers were lacking in price action. Demand was conventional.

Pimento. — Some "sharp-shooting" sent spot prices down to the basis of 12¼c. to 12½c. per pound. The pressure was also applied in the primary market and the entire situation was weaker and unsettled for the time being at least. Demand was not very active here.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on Page 4

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A.A. Teeter, Camera Man, Is Now an A.R.P.S.

Albert A. Teeter, secretary of Chas. Pfizer & Co., this city, has been admitted to associateship of the Royal Photographic Society of Great Britain. Mr. Teeter, an enthusiastic photographer, was elected to membership in the society about a year ago; but now with his elevation to associateship, communications from the society come to him addressed "Albert A. Teeter, Esq., A.R.P.S." Mr. Teeter has a battery of cameras that would be prized by any professional and uses them on all suitable occasions. During the recent convention of the American Drug Manufacturers Association in White Sulphur Springs, Mr. Teeter took innumerable excellent snapshots of delegates and some of the ladies accompanying them, in groups, and singly, and many photographs of players in action and otherwise in the sports events, and many of these made excellent reproductions in the OIL, PAINT and DRUG REPORTER'S story of the convention published May 18.

Albert A. Teeter

Ideal Calls in Products Sold with Pinaud Marks

In accordance with the terms of the permanent injunction recently obtained by Pinaud, Inc., from Judge Fake in the United States District Court, against the Ideal Perfumery Company, Palisade, N. J., conducted by Frank Savino, enjoining the latter company from using the Pinaud trademarks "Eau de Quinine" and "Lilac Vegetal," Pinaud has received from Mr. Savino a letter advising that he is making every reasonable effort to remove from the market all of his products sold under the name of "Eau de Quinine" or "Lilac Vegetal." Mr. Savino advises that he is writing and having his salesmen call on the trade, both barber shop and retail outlets, to have the bottles returned in order to supply other bottles that will not cause any confusion in the trade or infringe on the Pinaud trademarks.

Michigan Drug-Cosmetic Group to Have a Party

The Allied Drug and Cosmetic Association of Michigan will have a Summer party June 24 at the Meadowbrook Country Club on the West Eight Mile road at Northville near Detroit. Golf, bridge, cocktails, dinner, and dancing are on the program.

Admission will be by ticket, the charge for bridge, dinner, and dancing being $2.25, with an extra greens fee of $1.50 for golf. Reservations are being handled by Charles Harvey, 814 Stephenson building, Detroit.

Methanol Data: April

Monthly statistics on production of crude and synthetic methanol, representing practically the entire output of these commodities in the United States, have been released by Director William L. Austin, Bureau of the Census, Department of Commerce. The data for the month of April, 1936 and 1935, include production figures for thirty-three manufacturers. Wood carbonized amounted to 48,825 cords for January, 47,253 cords for February, 1936, 45,384 cords for March, and 51,323 cords for April.

Production

	Gallons			
	1936.		1935.	
	Crude.*	Synthetic.	Crude.*	Synthetic.
Jan. ...	494,081	1,418,863	386,477	1,303,171
Feb. ...	494,081	1,540,171	363,781	1,126,799
Mar. ...	473,067	1,631,832	411,326	1,303,230
Apr. ...	428,313	1,692,921	450,941	1,167,262
Totals.	1,891,035	6,283,787	1,612,525	4,900,482

* The refined equivalent would be approximately 82 percent of the crude production.

Essential Oils, Aromatic Chemicals

Threat of Franc Devaluation Checks Foreign Selling in French Currency — Probable Lift of Sanctions Against Italy Strengthens Citrous Oils—Clove Oil Advanced

The market for essential oils and aromatic chemicals was a fairly steady affair throughout the past week. Marked strength was noted in clove, cedarleaf, coriander, lemon, orange and coriander oils. Unsettlement brought lower prices on imported pennyroyal, and on redistilled peppermint. Beyond these price developments, interest in the market centered on affairs abroad, most especially in countries selling oils in French francs, and in the citrous oils from Italy.

French finance was in a twist last week. A change in government has brought out seething labor troubles. Uncertainty as to the future has depressed the value of the franc and given rise to persistent rumors of pending devaluation of the monetary unit. Last week, it was the British revolving fund that came to the rescue of the franc, supporting it when the French could no longer do it.

The French financial situation found reflecting in oils sold in French francs in that the sellers were not disposed to accept orders subject to payment in French francs were disposed to turn to dollars when it came to selling the United States. This naturally made for uncertainty concerning the future value of such oils and dealers on spot were highly conservative in their operations.

Citrous oils from Italy showed a strength that, in part at least, was related to the report that Great Britain had determined to end sanctions against Italy. Furthermore, the reports said that England would go before the League of Nations and fight to have the League end all sanctions against the Italian nation. It will be recalled that some fifty two or three nations clamped down economic and financial sanctions on Italy in an attempt to stop the conquest of Ethiopia. Lifting of sanctions by all nations would return world markets for Italian citrous oils. Bergamot, lemon and orange have been noteably firm to strong in Italy for many weeks and a return to world selling was expected to result in further advances in prices. Late in the week spot prices on domestic orange, and on California and Italian lemon were advanced.

The advance in clove oil reflected similar rise in the price of clove spice. Coriander was very scarce and an even small expansion in demand would probably be productive of even sharper advances in local prices. Cedarleaf of pure quality was hard to obtain; recent reductions proved to have been made on a compounded article and pure, unmixed cedarleaf oil was quite as strong as it had been. Imported pennyroyal was under competition that brought the decline. Redistilled peppermint was off. On the basis of the primary market cost of high menthol-content oil, it was difficult to find soundness in some of the spot quotations on peppermint oil last week.

Attention was swinging to oils produced in Spain, this for the reason that labor troubles threatened to cripple production with the consequent liklihood that prices would be forced higher by increase in production costs.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Caraway, 10c. per lb.
Cedarleaf, 20c. per lb.
Clove, 3c. per lb.
Coriander, 10c. per lb.
Lemon, California, 15c. per lb.
Italian, 15c. per lb.
Orange, Calif., 25c. per lb.
distilled, 10c. per lb.
Florida, 25c. per lb.

Reduced

Pennyroyal, imported, 15c. per lb.
Peppermint, redistilled, 5c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
68.7	67.8	68.0	71.7

Market news that may have developed after this report was sent to press will be found on page 2.

Essential Oils

Amber.—Refined amber oil was not advanced further last week but the market was very firm at the recent rise and the position was supported by a demand declared to be about normal.

Anise.—The market seemed to be somewhat steadier than it had been. Quotations on spot were more firmly maintained at a minimum of 56c. per pound for the lead free article, and the prices for replacement goods were said also to hold at levels recently cabled. Demand was current in volume well up to the call in recent weeks.

Bergamot.—Removal of sanctions against Italy by Great Britain seemed to be in the cards late last week. Such a development would probably mean that all other nations would resume unrestricted commercial relationships with Italian merchants. Such a development would probably result in some increase in the demand for bergamot oil on the Italian market. Prices noted abroad were very firm last week.

Bois de Rose.—A regular and well sustained call for moderate quantities of both varieties of this material was reported last week and the local price situation continued to reflect the firmness prevailing at the primary markets.

Cade.—Business was somewhat quiet last week. Buyers traded along lines that were indicative of a conservative manufacturing need at this time. Prices remained firm and well stabilized in keeping with a similar situation at the source of supplies.

Cajeput. — Less competition was noted locally last week. The situation appeared to be firmer in most respects and the lower replacement costs seemed to have been fully discounted by recent developments in prices. Demand was strictly routine.

Calamus.—This material was inert so far as price movements were concerned. For months values have been stabilized at a time when most other materials were being affected by developments in foreign exchange, changes in replacement costs, and fluctuation in consuming demand. The stable position was unaltered last week.

Camphor.—Conditions seemed to be somewhat more steady than they had been. While prices were still subject to conditions prevailing at the time business was proposed, there was less of a tendency openly to reduce quotations and more of a determination to seek a more stable situation in local circles.

Caraway.—The market was back to the $2 per pound minimum position last week and the range was to $2.25 per pound according to seller and quantity. The sturdy maintenance of replacement costs checked the slightly more competitive spot market noted recently.

Cassia.—Attempts to drive the market still lower lacked success last week. Local dealers took a steady view on values and kept quotations definitely in line with replacement costs in most instances. Redistilled material was priced at 95c. to $1.10 per pound with most dealers refusing business at less than $1.

Cedarleaf.—Recently lower prices were found to have prevailed only on a compounded article into which went a considerable percentage of pure, genuine leaf oil. On the spot last week, pure oil in drums was held firmly for 85c. to 90c. per pound and in cans nothing less than 90c. to 95c. per pound seemed acceptable to local dealers. The stocks of pure oil still remained comparatively small.

Citronella.—The market was rather quiet on the whole. Buyers' requirements were moderate for the most part. One interesting report was to the effect that should production of synthetic menthol in this country capture the market for natural menthol in the United States, consumption of Java citronella oil would likely require an additional production of oil, 1,000,000 pounds per year being the figure mentioned. Such a demand would probably raise Java citronella oil from its present all time low price position in the primary market.

Clove.—Because of further advances in the cost of clove spice in the primary market, producers of clove oil have been forced to raise their quotations to the basis of 97c. per pound in drums and $1 per pound in cans. The resale market may be slightly under the producers' figures.

Coriander.—Quotations were at least 10c. higher and in some quarters they were up a full quarter of a dollar. Scarcity of supply was responsible for the situation and the market was

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 4

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strong at $5.50 to $5.75 per pound, according to seller.

Dill.—Competition abounded in the market for this material and while open quotations on seed oil lacked change on spot, they were subject to change according to seller and the desirability of securing any given order. Consumption was along quiet lines, a seasonal condition. Increased consumption is due later on when picklers get active.

Eucalyptus.—Prices were firm even though immediate demand was irregular most of the time. However, the call was about in line with that usual for the material at this season of the year. Replacement costs were firm because of the position of sterling exchange.

Lavender.—Nothing favoring lower prices on new production has been heard from the French market. For the most part, values appeared to be generally very firm abroad and they certainly were in that position on the spot. A fair demand supported values fairly.

Lemon. — Great Britain forecast abandonment of sanctions against Italy late last week, and it was suggested that her representative at the League of Nations would soon move that all nations raise their trade restrictions that were imposed as a league penalty when Italy went to "war" against Ethiopia. Such a development would return a world market for Italian oil and the situation in Italy has been so firm, even strong, of late that further advances in quotations would not surprise. Locally the lemon oil market was higher at $1.15 per pound for California oil, and $1.30 to $2 for Italian.

Lemongrass. — Weakness continued a prominent feature in the local market for this item. While no further reduction in open quotations was made, the situation was entirely favorable for buyers to cover requirements on the basis of bids against a market usually said to be 43c. to 45c. per pound as to seller and quantity.

Lovage.—No sign of price weakness has come to this item notwithstanding the fact that new production may be provided at a reduced cost in the primary market. Small stocks on spot were held at $65 to $66 per pound to meet an extremely moderate consuming request.

Orange.—The position of domestic oil was one of constant improvement in strength. Reports indicated that unsold stocks of the expressed article were insufficient to meet consuming request and they also suggested that sellers were cautious in accepting orders. Prices were raised to $2.50 per pound for expressed, and to 85c. for the distilled article. The entire market for orange oil was in firm position last week. The prospect that Great Britain would force the League of Nations to abandon all sanctions against Italy was good late last week, and, if realized, should increase demand for Italian orange oil.

Patchouli.—The market was firm to strong. Stocks were moderate and could not be replaced save at the higher costs prevailing for some time past. Demand was somewhat better last week.

Pennyroyal.—Imported material was lower at $1.15 to $1.20 per pound last week as the result of generally more

(Continued on page 48)

Fritzsche Brothers Has Improved Its Quarters

(Continued from page 38)

for the company's customers a service second to none and at no cost to them. Then there are the huge storage racks for oils in original drums; the bulking and reconditioning rooms with glass-lined tanks; the compounding room; the printing shop; the tinsmith and carpenter shop; and the burglar-proof storage room, where exceptionally valuable raw materials are kept, some costing as much as $2,000 a pound. A feature of the rooms where essential oils are stored is the air-conditioning system through which absolutely even temperature is maintained and all chance for spoilage eliminated. A can and bottle laundry washes every container before it is used, assuring the delivery of pure, uncontaminated merchandise to buyers.

Fritzsche Brothers welcomes to its new quarters all who care to see the plant of which Mr. Leonhardt and his associates are justly proud. A cordial greeting awaits the visitor and a tour of the offices, laboratories, libraries, storage, packaging, packing, and shipping quarters in company with an expert guide will reveal what can be done when ill-fortune is made to be the departure point for newer and greater achievement.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 4

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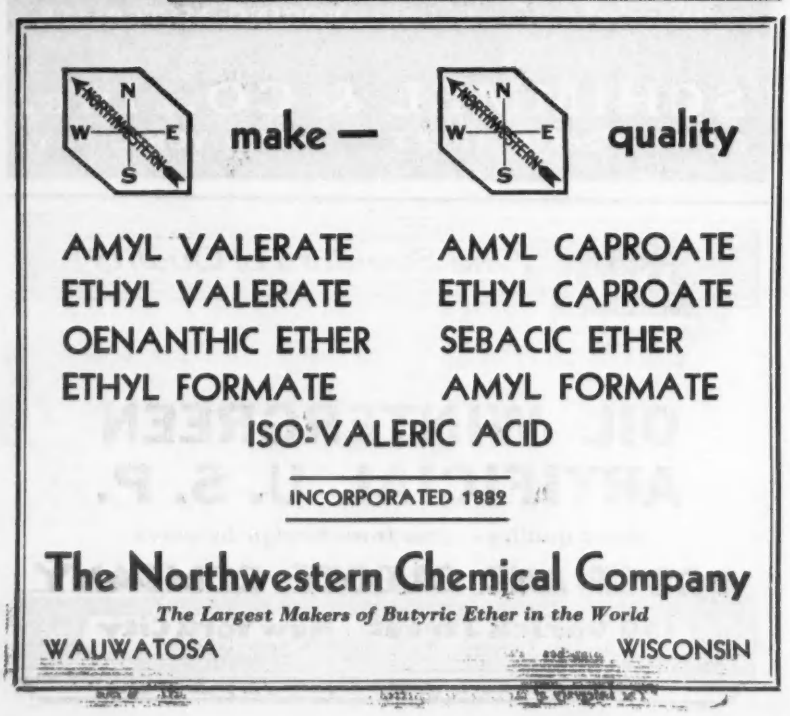

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(Continued from June 15 issue)

Dithiocarbamic acid dimethylamine derivative with cyclohexanol
Dithiocarbamic acid dimethylamine derivative with dibromoacetic acid amides
Dithiocarbamic acid dimethylamine derivative with dibromoacetic acid esters
Dithiocarbamic acid dimethylamine derivative with dichloroacetic acid amides
Dithiocarbamic acid dimethylamine derivative with dichloroacetic acid esters
Dithiocarbamic acid dimethylamine derivative with glycolchlorohydrin
Dithiocarbamic acid dimethylamine derivative with hydroxyethylamine
Dithiocarbamic acid ethylcyclohexylamine derivative with benzyl alcohol
Dithiocarbamic acid ethylcyclohexylamine derivative with carbon bisulphide and an inorganic base
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Dithiocarbamic acid thiomorpholin derivative with glycolchlorohydrin

(To be continued)

Petroleum Solvents, Lubricants, Fuels

Solvents and Other Industrial Raw Materials Are Not Very Active —Prices Hold Despite Lack of Buying Support—Crude Output Up — Gasoline Continues Steady

Petroleum products for industry are not moving in very heavy volume at this time. Petroleum solvents and diluents could use more buying support albeit the market has not shown any weakness as a result of the light buying. Prices for these products at refinery points have been free from disturbance for several weeks and hold a firm appearance at present. White mineral oils are settling into the usual dullness of the Summer months and the only activity reports by sellers of those oils is in the regular movements of supplies against contracts. Paraffin waxes have a slightly stronger leaning in the East but are still relatively lower than the prices asked at the Midcontinent. There was a little more activity in the local wax market during the week but despite the improvement the market is still termed as being slow. Industrial kerosene buyers, including the manufacturers of insecticidal spray liquids, are seasonally active but of course the demand for heating purposes is very small and prices are being shaded here.

The gasoline situation showed a slight improvement, particularly in the Midcontinent and Western markets. Weather conditions during the week were not very favorable to a continuance of the market's march toward a better balanced position. Stocks were slightly higher at latest reports. Marketers and refiners are hopeful for large-sized demands this week and from the indications they have received their hopes are likely to be realized with any sort of a break in weather conditions. The Midcontinent could advance fractionally on the appearance of good seasonal demand.

The daily average production of crude oil in United States for the week ended June 13 was 2,971,400 barrels, an increase of 35,950 barrels over the preceding week's average of 2,935,450 barrels, according to the estimate of the American Petroleum Institute which omits any oil that might have been produced surreptitiously. The average for four weeks ended June 13 was 2,964,500 barrels and the average at this time a year ago was 2,724,050 barrels. Runs of crude oil to stills during the week ended June 13 were reported as having averaged 2,786,000 barrels for 80.3 percent of operation, and, according to the data gathered by the American Petroleum Institute, 189,000 barrels additional were run for a total of 2,975,000 barrels daily against the preceding week's average of 2,950,000 barrels. Stocks of crude oil on hand June 6 totaled 314,353,000 barrels against 314,020,000 barrels on May 30, according to the Bureau of Mines.

Solvents and Diluents

Petroleum solvents and naphthas used as industrial raw materials have not shown much of a change in position during recent weeks. The market has not been favored with more than routine activity and in some quarters the current rate and volume of sales is termed as being disappointing. Prices at Midcontinent, East Coast and Pacific Coast refinery points continue unchanged and are being held at the levels that have been in force for the past several months. Price stability is the market's most favorable characteristic these days. Prices for tankwagon delivery in leading Eastern and Midwestern states are without change.

Cleaners' Naphthas.—Price steadiness is the principal characteristic of the market and there has been no change in Midcontinent refinery quotations which are based at 7⅜ per gallon and with some sellers quoting 7½ per gallon, f.o.b. Group 3. The demands of the market are quite routine.

Hydrogenated Naphthas.—The market has been without shift since the 1c. per gallon rise in the price of No. 3 solvent on June 1. Demands have been fair-sized during the past few weeks.

Lacquer Diluents.—The market was devoid of feature other than the continued steadiness of the prices. The Midcontinent market holds at 8⅜c. to 8½c. per gallon for tankcar lots, basis Group 3. Lacquer manufacturers' takings against contract are light and scattered.

Petroleum Thinners.—East Coast and Midcontinent bulk markets hold steady. There has not been a change in prices for some weeks and in company with other petroleum solvents, the market's foremost accomplishment is the continued steadiness of the prices. Tankwagon markets are also without a reported change.

Stoddard Solvent.—Buyers' needs continue quite modest and the market could stand plenty of improvement on the buying side. The price situation, however, has been quite steady and the prices remain at levels that have been in force for several weeks. East Coast refinery prices continue at 9½c. per gallon, while the Midcontinent market is named at 6⅞c. to 7c. per gallon, basis refinery.

V. M. & P. Naphthas.—Prices hold at all distributing points and the market's foremost characteristic is its price steadiness. The calls for replacements are very light in the Eastern section of the country and the Midcontinent reports a similar condition. Pacific Coast prices hold unchanged.

Markets at Other Centers

Chicago, June 18.—While business in petroleum diluents and solvents is a little irregular, it is coming up to expectations in the aggregate. Consequently, the general tone is rather good and prices are holding steady. Various industries are taking good amounts. Ruling prices in tankcar lots, except as noted, are (tankcar prices f.o.b. Group 3):—Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 15.5c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.2c., tankwagon; rubber solvent, 7⅜c. to 7½c.; lacquer diluent, 8⅜c. to 8½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 16.5c., tankwagon; v.m.&p. naphtha, 7⅜c. to 7½c., tankcar; 16.5c., tankwagon.

Tulsa, June 18.—The trading in petroleum solvents is quiet and the movement slow. There was no change in prices and the quotations of 6⅞c. to 7⅜c. per gallon that have prevailed for some time continue to be quoted for future delivery.

Lighter Fractions

The lighter solvent fractions also had price steadiness as their foremost characteristics last week. The prices for butanes, hexanes and others in this classification were steady at the levels that have been in force since the early part of this year and were without shift last week. The demands from the regular channels of consumption continue in very routine fashion.

Butanes.—The market continued along the course of recent weeks. Prices for the 16-34 degree product which tests up to the N. G. A. specifications, continue at 2¼c. to 3¾c. per gallon for tankcar lots, according to the number of cars desired. The prices are f.o.b. Groupe 3.

Hexanes.—The normal article holds a very steady position at the long-standing price level of 12c. per gallon for tankcars at Group 3. The laboratory article continues at 19c. in drum cars, also basis Group 3.

Pentanes.—Quotations for normal remain at 9c. per gallon for tankcars with usual differentials for smaller sized lots. The 9c. price is f.o.b. Group 3.

Petrolatums and Waxes

White Mineral Oils.—The market is quite slow at this time. These oils seem to have settled into the dull position that is usual in the Summer months and the only movement of supplies is that which moves out regularly against contract. Prices are without change and there is a slight softening noted in a few scattered directions.

Paraffin Waxes.—The scale wax market was more active than it had been in recent weeks but the business done last week was not very large. Bids for 122-124 white A.m.p. scale at 2½c. per pound were refused in some directions but that price was still available in some quarters. Most of the holders of wax here asked 2.30c. per pound. The price for 124-126 melting point was 2.30c. to 2.35c. per pound. The fully refined waxes were holding steady under a slow buying rate.

CHICAGO, June 18.—Refined paraffin wax is steady and in good market position, according to a current check-up. The inquiries are still coming in and there is a considerable volume of new business at this time. Stocks seem to be well in line. Ruling prices are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, June 18.—Trading in scale paraffin wax is being done at a spread of 2.35c. to 2.50c. per pound for the 124-126 a.m.p. There is a fair movement but prices are being influenced by the weakness in the Eastern markets.

Petrolatum.—As reported here last week, leading marketers of this article ask full prices and report they are obtaining them at the sales. The market is not overly active at this time but the demands are fair-sized and have a fairly good rate of frequency.

Fuels and Lubricants

The Eastern gasoline market held steady during the week under the handicap of unfavorable weather, particularly over the preceding weekend when rains interferred with week end motoring. As a result of the rainy weather, stocks rose. It was significant to note, however, that the cut-price retailing in the New York City market came to an abrupt halt. With a break in weather conditions this week, the market should make further progress toward its indicated position of balance. Kerosene continued draggy. Pennsylvania lubes were unchanged.

Market Conditions

Gasoline.—While the outlook among marketers here appears cheerful, the gasoline situation did not make any further progress toward a balanced position last week. Indeed, some of the cut-price retailing in the New York City area disappeared but the inclement weather conditions along the Eastern seaboard held consumption down to narrower limits than a week ago. Constant rains over the preceding week-end handicapped the market effectually. Bulk market prices held steady at 6¾c. per gallon for U. S. motor, 62-63 octane; 7c. per gallon for U. S. motor, 65 octane; and 7.55c. per gallon for branded qualities, all f.o.b. East Coast refinery. The export market at the U. S. Gulf continued unchanged at 5⅝c. per gallon for U. S. motor; 5⅝c. for 60-62, 400 e.p.; 5½c. per gallon for 60-62, 390 e.p.; and 5⅝c. per gallon for 64-66, 375 e.p.

Kerosene.—There was not much to report in the market for this commodity last week. Things dragged along in true Summer style and while there has been no change in the posted quotations, the market is easily shadable. Refiners quote 4⅞c. per gallon for tankcars at Eastern refineries but 4¾c. per gallon is easily workable here. There are also occasional reports of offerings at 4⅝c. per gallon, basis refinery. The export market at the U. S. Gulf continues unchanged at 3¾c. per gallon for prime white and 4⅛c. to 4¼c. per gallon for water white.

Fuel and Gas Oils.—Tankcar prices for No. 2 heating oils were reduced ¼c. per gallon at Baltimore and Norfolk, while the price on No. 4 oil in Baltimore was lowered ½c. per gallon. Both changes were made on Thursday. Marine oils continued unchanged with C grade bunker posted at $1.05 per barrel at terminals and Diesel oil at $1.65 per barrel.

Lubricating Oils.—Pennsylvania bright stocks, cylinder oils and neutrals were without price changes last week. Cylinder oils are quite firm and hold a secure position at the advances made a few weeks ago. Bright stocks are in modest demand.

Crude Oil Price Changes

Michigan

Posted prices for crude oil at central Michigan fields advanced 10c. per barrel to $1.42, June 18, Ogeman field was also raised 10c. to $1.23 per barrel.

Markets at Other Centers

Tulsa, June 18.—Although a less active week was witnessed in the refined oil market, a firm undertone is indicative of the improved situation that prevails because of seasonal increase in gasoline consumption. The large activity in the preceding week apparently increased jobber storage and it will take a few days to work off these inventories before they re-enter the market. However, in the best informed quarters, record shipments are looked for during the coming week.

The routine character of the market generally has failed to provide the incentive for a further rise in gasoline. There have been some changes however, but mostly of local significance. These have occurred on both sides of the market; a few local price wars where a few refiners are competing to satisfy the same local requirements and a showing of strength in the Texas market in north, central and east Texas where demand is good because of the large entry of tourists from other states due to the centennial celebration.

While in quantity this local demand has not been large, there has been nevertheless a large gain in percentage in shipments from refineries for intra-state destination. Among many refiners it has amounted from 40 to 60 percent. There has also been a material gain in truck shipments which has resulted in raising the price level and refiners in East Texas now receive higher prices for these shipments than they do for interstate tankcar movement. In this situation there is general agreement that a firmer undertone is present at this time although operations at the refineries are apparently greater than is necessary to meet the larger consumptive requirements. A survey places the Mid-continent refineries' operations at the highest point during the past five years.

The burning oils market such as kerosene and distillates are about the only product for which little demand exists. Gas oil distillate is firm despite unseasonal aspect. Jobbers and marketers with storage facilities are buyers while refiners are inclined to store the material for seasonal demand.

REFINERY GASOLINE.—Prices remain unchanged but firmness is reported. The market reflects the optimism of a growing consumption and the U. S. motor

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1936	1935
	Jan. 1-June 20	Jan. 1-June 20
Commercial crude oil production	491,812,000	438,288,000
	Week ended June 20, 1936	Week ended June 22, 1935
Daily average production	2,956,900	2,721,300
	Week ended June 13, 1936	Week ended June 6, 1936
Estimated motor fuel stock total	70,668,000	70,639,000
Estimated finished motor fuel stocks in refineries	41,280,000	40,947,000

The State of the Petroleum Market

Crude oil prices in central Michigan fields advanced 10c. per barrel and the price at Ogemaw field was also raised 10c. per barrel. Gasoline at the refinery points was unchanged and there were no changes reported in the retail markets, except for the halt in cut-price selling in New York City.

	June 19	June 12	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.286	$1.286	$1.162
Gasoline prices at refineries (at four refining centers), per gallon	.0555	.0553125	.051875
Gasoline prices at serving station (average for ten marketing centers —including tax) per gallon	.1956	.1951	.1866

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 4

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PORT AUTHORITY COMMERCE BLDG.
76 NINTH AVENUE, NEW YORK, N. Y.
118 WEST OHIO ST. CHICAGO, ILL

Outputs and Quotas

A comparison of suggested crude oil production for June as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended June 13, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	552,500	567,250
Kansas	153,100	152,300
Texas	1,125,700	1,145,700
Louisiana	175,700	219,450
Arkansas	31,800	29,750
Eastern (not including Michigan)	103,200	109,000
Michigan	37,000	32,500
Wyoming	37,800	37,500
Montana	13,000	16,850
Colorado	4,700	4,500
New Mexico	68,300	73,000
California	535,500	583,600
Totals	2,838,300	2,971,400

grade is quoted for resale at 4⅝c. per gallon while the 400 end point is 4¾c. Concessions from these quotations are unavailable this week. The 65 octane for resale continues at 4⅞c. per gallon and 5c. for the contract market. The higher octanes area unchanged.

NATURAL GASOLINE.—The stabilized grades are in good demand and manufacturers are holding their quotations for the 14 and 18 pounds at recent minimum quotations although the 26-70 grade is still weak due to off-season and the inability of many plants to stabilize this product. The latter is quoted at 2½c. in Oklahoma and 2¼c. in Texas. The 14 pound material is held at 3½c. per gallon in both states and the 18-pound at 3c. to 3¼c. per gallon.

DISTILLATES.—Demand is sluggish and most of the production appears to be going into storage. Refiners are holding prices. The 38-40 grade is 3⅜c. to 3½c. per gallon and other lower grades are priced proportionately. Gas oil is strong and retaining the ¼c. rise gained last week. It is quoted for resale at 2¾c. to 2⅞c. per gallon.

FUEL OIL.—The 24-28 degree zero pour is unchanged at 95c. to $1.05 a barrel. The lower gravities vary from 65c. per barrel for high cold test and high viscosities to 72½c. barrel for zero pour of gravities ranging from 10 to 14 degrees. The 18-20 grades vary from 72½c. to 77½c. per barrel.

KEROSENE.—The 41-43 grade is generally quoted for resale at 3¾c. with some of the product available at concessions from these quotations; 42-44 is generally 3⅞c. As refiners are lowering their quotations for contract trade the margin between the two prices is narrowing. Several refiners have lowered their 41-43 quotations to 4c. for the trade. This is ¼c. lower.

LUBRICANTS.—There is a good movement of lube this week and the price structure is strong. No change is immediately expected.

Chicago, June 18.—Despite numerous reports of tankcar price irregularities, gasoline continues fairly stable in the market, with consumption at an extremely heavy rate. Jobbers' stocks have been quite low and they are asking for rush shipments in many cases. Tankwagon and service station prices have been a little irregular, but in the main seem to have shown some improvement. Kerosene has been easing off and has been quite easy. The tractor fuels are in fair call. Heating calls are subject to some interest for next season. Heavier industrial oils, both fuel and gas, are holding their own well, on the strength of a good general industrial demand. The lubricating oil market is strong, with buying quite active and general.

GASOLINE.—Low octane motor, 4¾c. to 5c. per gallon; middle octane motor, 5¼c. to 5½c.; high octane motor, 5⅞c. to 6c.; 60-62, 400, 4¾c. to 5c.; 64-66, 375, 4⅞c. to 5c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4c. to 4¼c. per gallon; 41-43, water white, 3¾c. to 4c.

FURNACE OIL.—No. 1 prime white, 3½c. to 3⅝c. per gallon; No. 1 straw, 3¼c. to 3⅜c.; No. 2 straw, 2⅞c. to 3c.; No. 2 dark, 2¾c. to 3c.; 32-36, dark, industrial gas oil, 2⅝c. to 2½c.

FUEL OILS.—No. 3, 2¾c. to 2⅞c. per gallon; No. 4, 95c. to $1 per barrel; No. 5, 72½c. to 75c.; No. 6, 62½c. to 67½c.

New Orleans, June 16.—The domestic market continued stable, with price quotations at a steady level. Foreign inquiries and exports were both reported good. U. S. motor gasoline was quoted at 6¼c. per gallon at refinery; U. S. motor, below 62 octane, was quoted at 6¼c.; 63-67 octane at 6⅜c. and 68-70 octane at 7¼c.—the foregoing quotations being based on a per gallon rate at refinery.

Kerosene was firm at 6½c. per gallon at refinery.

Bunker C fuel oil demand continued good at a quoted price of 90c. per barrel at terminal and 95c. per barrel delivered alongside. Industrial plants were quoted on a basis of $1.36 per barrel delivered.

Del-Mar-Va Fertilizer Meeting

The Del-Mar-Va Fertilizer Association will meet June 27 in Ocean City, Md. Headquarters will be at the Atlantic hotel. Arrangements are in the hands of the secretary of the association, Enos Valliant, of the Dorchester Fertilizer Company, Cambridge, Md.

Nathan Fried, Chicago druggist, has been awarded the 1935 Robert J. Ruth memorial trophy, offered by the Federal Wholesale Druggists Association, for the best window display in connection with National Pharmacy Week.

Pharmaceutical Advertising Directors Club Elects

At the annual meeting of the Pharmaceutical Advertising Directors Club, held recently in the Hotel Pennsylvania, this city, officers for the coming year were elected as follows:—President, Douglas Wakefield Coutlee, director of advertising for Merck & Co.; vice-president, A. D. Brewer, of the Ciba Company; secretary, E. Walton Bobst, of Hoffmann-La Roche, Inc.; and treasurer, Edward B. Austin, of Thomas Leeming & Co.

Committee chairmen will again be appointed to direct the club's activities on such matters as convention exhibits, direct mail, government relations, medical relations, trade relations, publications, motion picture, radio, and packaging.

The object of the Pharmaceutical Advertising Directors Club is "to further good fellowship among men engaged in the advertising and promotion of ethical pharmaceuticals and, through cooperative and collective effort, to enhance the efficiency of this branch of the pharmaceutical industry." The membership comprises thirty-five representatives of well-known drug, chemical, and pharmaceutical houses.

Adam P. Piret, of the Winthrop Chemical Company, retiring president, presided at the annual meeting. Edward A. H. King, of Crookes Laboratories, Inc., was in charge of dinner arrangements and entertainment.

Baltimore Drug Exchange Holds Annual Outing

The Baltimore Drug Exchange held its annual outing June 17 at the Hillendale Golf Club with some seventy members and their friends in attendance. The afternoon was devoted to swimming, golf matches, and other pastimes, and in the evening a fine dinner was served al fresco, when addresses were delivered by Robert L. Swain, deputy food and drug commissioner for Maryland; A. L. Sullivan, the food and drug commissioner; Dr. Glen Jenkins, of the School of Pharmacy, University of Maryland; Leland B. Wright, president of the Travelers' Auxiliary of the Maryland Pharmaceutical Association; John Zink, president of the Hillendale Club, who extended a welcome to the visitors; Marvin G. Pierpont, president of the Exchange; Dr. F. J. Cullen, representing the Proprietary Association; Charles E. Moylan, and Dr. H. B. Warthen, who spoke for Dr. Huntington Williams, the Health Commissioner of Baltimore.

The speakers were introduced by George M. Armor, of McCormick & Co. Clarence Klingel, of the Howard Drug Company, was chairman of the committee of arrangements, the other members being Frank Warner, of William Graham & Co., and William J. Lowry, of Gilbert Bros. & Co.

Oldbury Opens N.Y. Office

The Oldbury Electro-Chemical Company, Niagara Falls, N. Y., has opened an office in this city at 22 East Fortieth street. The telephone number is ASHland 4-2740. Joseph Turner & Co. will retain a selling agency for those products of the Oldbury company which it has heretofore distributed as sole selling agent.

Naval Stores Output, Consumption, Stocks

Production of gum and wood turpentine in the United States in the 1935-36 season totaled 602,908 barrels of 50 gallons each, according to data compiled in a report by the Department of Agriculture. Production of gum and wood rosin totaled 2,276,491 barrels, averaging approximately 500 pounds gross weight. Stocks of turpentine increased 38,777 barrels during the season; stocks of rosin decreased 213,123 barrels.

This official report was prepared jointly by the Bureau of Chemistry and Soils, the Agricultural Adjustment Administration, and the Bureau of Foreign and Domestic Commerce, Department of Commerce. F. P. Veitch represented the Bureau of Chemistry and Soils in the work, and J. E. Lockwood, Savannah, again helped in the correction and compilation of the statistics for the report, which is the second published, and its appearance within two months of the close of the crop year has been made possible through the more prompt reporting by members of the industry and consumers of its products.

Among the statistical tabulations contained in the naval stores report, which covers the three seasons ended March 31, 1936, 1935 and 1934, are the following:—

Supply and Distribution

	Turpentine (Barrels of 50 gallons)			Rosin (Barrels of 500 pounds gross)		
	1935-36.	1934-35.	1933-34.	1935-36.	1934-35.	1933-34.
Carryover, April 1	191,359	132,265	136,853	978,930	928,654	847,018
Production	602,908	603,093	624,761	2,276,491	2,229,122	2,297,337
Imports	12,490	10,559	10,007	2,236	2,526	3,936
Available supply	806,757	745,917	771,621	3,257,657	3,160,302	3,148,291
Less carryover March 31	230,136	191,359	132,265	765,807	978,930	928,654
Apparent total consumption	576,621	554,558	639,356	2,491,850	2,181,372	2,219,637
Less exports	224,383	207,284	300,201	1,204,437	1,057,321	1,199,642
Apparent U. S. consumption	352,238	347,274	339,155	1,287,413	1,124,051	1,019,995

Production and Imports

	Turpentine			Rosin		
	1935-36.	1934-35.	1933-34.	1935-36.	1934-35.	1933-34.
Production, gum	497,000	510,000	526,000	*1,701,187	*1,734,000	*1,788,060
Production, wood	105,908	93,093	98,761	575,304	495,122	509,277
Imports	12,490	10,559	10,007	2,236	2,526	3,936
Totals	615,398	613,652	634,768	2,278,727	2,231,648	2,301,273

Carryover Stocks

	Turpentine			Rosin		
	1935-36.	1934-35.	1933-34.	1935-36.	1934-35.	1933-34.
Carryover April 1	191,359	132,265	136,853	978,930	928,654	847,018
Carryover March 31	230,136	191,359	132,265	765,807	978,930	928,654
Stock increase	38,777	59,094	.....	.....	50,276	81,636
Stock decrease	.....	.....	4,588	213,123	.....	.....

* Includes reclaimed rosin.

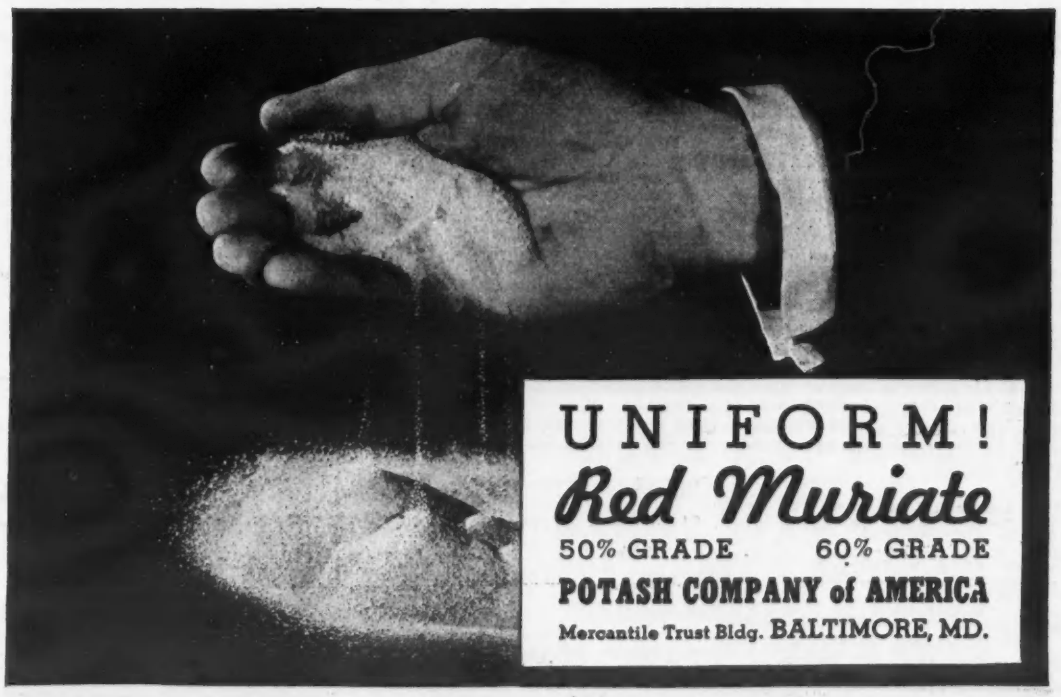
Location of Carryover Stocks March 31

	1936.	1935.	1934.	1936.	1935.	1934.
Gum stills	8,032	14,290	14,646	73,411	130,380	195,900
South. ports and interior yards	157,750	119,931	50,882	281,121	672,476	202,064
Wood plants	12,696	12,261	22,460	69,110	104,355	88,200
Northern distributing points	31,404	27,738	25,725	23,483	26,955	16,864
Industrial plants	20,254	17,139	18,552	318,682	344,764	425,626
Totals in United States	230,136	191,359	132,265	765,807	978,930	928,654
At and afloat to London	9,516	11,025	15,195			
Totals U. S. and London	239,652	202,384	147,460			

Consumption by Industries

	Turpentine (Barrels of 50 gallons)			Rosin (Barrels of 500 pounds gross)		
	1935-36.	1934-35.	1933-34.	1935-36.	1934-35.	1933-34.
Abattoirs[1]	.....	.....	.....	2,375	.....	.....
Adhesives and plastics[2]	749	.....	.....	26,662	.....	.....
Asphaltic products[1]	8	.....	.....	1,808	.....	.....
Automobiles and wagons	890	869	853	2,855	1,473	1,505
Chemicals and pharmaceuticals	1,340	802	748	3,370	3,056	3,889
Ester gums[3]	13	.....	.....	98,758	.....	.....
Foundries and foundry supplies	326	167	206	11,218	2,385	1,670
Furniture[4]	843	.....	.....	123	.....	.....
Insecticides and disinfectants[4]	600	.....	.....	5,357	.....	.....
Linoleum and floor covering	39	6	2	24,650	15,854	19,580
Matches	.....	.....	.....	2,869	1,585	3,160
Oils and greases	225	191	201	34,345	31,833	30,634
Paint, varnish and lacquer	66,538	51,725	51,365	147,245	176,000	168,640
Paper and paper size	.....	43	29	357,143	537,000	320,940
Printing ink	200	376	389	15,112	11,872	11,677
Railroads and shipyards[5]	3,875	718	511	242	60	39
Rubber[4]	1,114	.....	.....	2,544	.....	.....
Shoe polish and shoe materials[6]	10,234	12,678	11,516	9,871	1,130	850
Soap	125	200	113	278,750	283,465	264,173
Other industries	803	898	830	2,284	3,007	3,045
Total industries reported[7]	87,928	69,305	67,388	1,027,601	884,835	841,271
Not accounted for[8]	264,928	277,969	271,767	259,812	239,216	178,726
Apparent U. S. consumption	352,238	347,274	339,155	1,287,413	1,124,051	1,019,995

[1] Included in "Other Industries" in 1934-35 and 1933-34.
[2] Reported as "Sealing wax, pitch, insulation and plastics" in 1934-35 and 1933-34.
[3] Included in "Paint and Varnish" in 1934-35 and 1933-34.
[4] Not previously reported.
[5] Reported as "Shipyards and Carshops" in 1934-35 and 1933-34.
[6] Figures on "Shoe materials" other than "Shoe Polish" not previously reported.
[7] Compiled from reports by individual consumers, for the calendar years 1935, 1934 and 1933. Since industrial consumption is fairly uniform throughout the year in most industries, no material error is involved in using these figures on the naval stores season basis. They will affect only the "Not Accounted for."
[8] Principally unreported distribution of turpentine through retailers who sell in small quantities to ultimate consumers, and of rosin for unreported industrial consumption, also for distribution through retailers who sell in small quantities to ultimate consumers.



Fertilizer Materials

Trade Awaits Appearance of Prices for Potash and Ammoniate Materials—Fish Situation Looks Stronger—Rains End Drought Conditions—Superphosphate Slow

Buyers of fertilizer materials awaited developments on prices for potash salts and mineral ammoniates for the new season. The gossip of the market was almost wholly confined to interest in what the prices will be and when they will appear. The spot market was lifeless.

Rains brought the end of drought conditions to a good part of the South last week and materials used in side dressing moved at a faster pace, giving the season's wind-up a little more cheerful appearance than had been expected during recent weeks.

There is a feeling among some of the market's seers that sulphate will open the season at a port basis of around $25 per ton. This is purely guess-work however and does not carry the mark of official indication. The same observers of the market believe that prices will be "out" at the end of the month or possibly a few days before while on the other hand some sellers of competitive ammoniates have indicated that prices may not be issued until July.

Last week's price movements were few and perhaps the most important development of the period was a rise in Japanese sardine meal quotations. Some of the sellers of Chesapeake menhaden scrap are talking about higher prices but so far the sales have been made at the figure that was established when futures were first booked. An additional sale of 1,500 to 2,000 tons of unground scrap last week brought the total sold for the season to date up to around 7,000 or 8,000 tons. Most of the boats started fishing last week—a week ahead of schedule—and reports on early operations of the fleet were better than had been expected.

Superphosphate buyers in the Southeastern section of the country are still waiting for new prices which were expected to have followed the booking of 1936-1937 business by the producers in Baltimore and more northerly points.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bone, raw, 4½ & 50, Chicago, $1 per ton.
Fish meal, Japanese, sardine, shipt., 50c. to $1 per ton.
Nitrogenous material, import., shipt., 5c. per unit.

Reduced

Blood, domestic, Chicago, 10c. per unit.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
59.0	59.0	59.1	57.5

Market news that may have developed after this report was sent to press will be found on page 2.

Ammoniates

Nitrate of Soda.—Except in the Piedmont section and in the northern parts of Georgia and Alabama where drought continues, the South has been aided by long needed rains and the demand for nitrate as a dresser has improved considerably during the past week. Buyers' interests however are principally concerned with price prospects for next season and indications from selling quarters are that the schedule for the new season will appear very soon.

Sulphate of Ammonia.—Most of the market's followers who are inclined to prognosticate seem to believe that the market will open for the new season at a port basis of around $25 per ton. There is nothing official about this and it merely represents the popular guess of observers. From these sources also comes the word that prices are likely to be made known at the end of the month or possible a few days before. Interest in the market now is wholly concerned with the price situation for next season. There is little concern in the spot market and while schedule prices at certain Atlantic ports can be beaten by anywhere from 50c. to $1 per ton, there is not much interest on the part of purchasers.

Cyanamid.—Prices for the new season are awaited and when they are to appear cannot be determined.

Castor Pomace.—As reported a week ago, bids of $15 per ton for domestic at mill points were refused by the sellers who now ask $15.50 per ton f. o. b. producing points. There have been no trades reported at the higher figure.

Dried Blood.—The Chicago market eased off last week and offerings were made at $2.65 per unit, a reduction of 10c. from a week ago. Sales in New York continued at $2.50 per unit. The South American article was named unchanged at $2.75 per unit c.i.f. ports, for July shipment.

Fish Scrap.—Although the Chesapeake fleet was not scheduled to begin the season's operations until today, most of the boats went out last week. Early reports from Baltimore indicated that the first catch was good, having totaled 3 million fish during the first day's operations. Additional sales of 1,500 to 2,500 tons of unground were reported during the week with $2.50 and 10c. per unit-ton continuing as the price at the factories. Sales to date are in the neighborhood of 7,000 to 8,000 tons. There is no busines here in California sardine meal albeit futures are offered on the West Coast at $32.50 per ton for delivery after August. Japanese sardine meal was higher last week with $36.50 to $37 per ton named for July-August shipment, basis c.i.f. with a distinct leaning toward the higher figure.

Nitrogenous Material.—Imported material is not freely workable for Summer shipment at $2 per unit and the market is now mentioned at $2.05 with $2.10 per unit quoted for Fall. So far as can be learned there has been no trading at the higher figures. The domestic markets were unchanged, having held to the price strength which developed following the heavy trading of a few weeks ago.

Tankage.—There has been no shift in prices lately. The immobility of prices indicates the infrequency of trading in the article. Even the feeders evidence disinterest in the market.

Potashes

The trade awaits the appearance of prices for the new season. As reported previously there is a feeling in the trade that the prices for muriate, manure sale and others will open at around the same basis as the season now closing but this is merely gossip.

Phosphates

Buyers of superphosphates in the Southeast were still awaiting the appearance of prices. A slight reduction is expected. There has not been much business booked for next season by the Baltimore producers. Trade is very light throughout the entire phosphate list. Bone products are very dull these days.

Bone Materials.—There has been no shift in the prices for imported bone products and the Chicago market is holding its recently added strength. Raw 4½ and 50 bone in Chicago is now priced at $22 to $25 per tone, representing a rise of $1 from the low of recent weeks.

Superphosphate.—There is not much concern in the market these days. Buyers are slow to book new contracts for the 1936-1937 season which are being offered by sellers in the Baltimore area. Southeastern buyers are still awaiting news of prices for the new season.

Sulphur and Pyrites

The sulphur market is mildly active at this time. Phosphate acidulators should start to broaden their manufacturing operations during the next few weeks. Chemical processors and the steel industry continue to draw against contracts in fairly good style. The price situation remains at the long standing basis of $18 per long ton at the mines.

Markets at Other Centers

Atlanta, June 17.—Seasonal quiet prevails in the fertilizer market. Fertilizer manufacturers are content at present to watch the trend of the material market and in waiting for new prices on some of the items that are usually announced at this season of the year.

Prices of superphosphate for the Southeast expected immediately following the annual meeting of the National Fertilizer Association have not yet been made public.

Top dressing sales for the drouth-stricken cotton are disappointingly small, but some sales are still reported.

Quotations of this market are as follows:—

SUPERPHOSPHATES.—$10.82 per ton, interior producing points.

NITRATE OF SODA.—$24.50 per ton, bulk, ports.

SULPHATE OF AMMONIA.—$25.50 to $26 per ton, ports.

COTTONSEED MEAL.—7 percent grade, $23.50 per ton, interior mills.

NITROGENOUS.—$1.90 per unit, Midwest, $2 to $2.10 ports.

BLOOD.—Imported, $2.75 per unit, port basis; $2.75 Chicago.

TANKAGE.—$2.75 and 10c., port basis.

Baltimore, June 18.—Developments in the market for crude fertilizer materials during the last week did not differ materially from the conditions that prevailed prior to that time. The one new event of moment was the beginning of operations by the menhaden fleet or at least the greater part of it a week before the regular time for inaugurating activity.

The quotations here are about as follows:

FISH SCRAP.—With the bulk of the menhaden fleet out at work the producers booked 1,500 to 2,000 tons additional on a when-and-if-made basis at the previous price of $2.50 and 10c. per unit-ton at factory. North Carolina scrap is being offered at $2.25 and 10, which about corresponds to equivalent quotations down the Chesapeake Bay. The market for domestic fish meal is still at $41 to $42 per ton.

TANKAGE.—Quotations range around $2.75 and 10c. per unit, c.a.f. basis Baltimore.

BLOOD.—Quotations are around $2.75 to $2.80 per unit.

NITROGENOUS MATERIAL.—Imported stocks for Summer shipment held at $2 to $2.10 per unit, with $2.20 per unit c.i.f. ports named for the Fall.

GARBAGE TANKAGE.—Quotations are $3, 10c. and 70c. per unit-ton.

SULPHATE OF AMMONIA.—No notable activity prevails, but there is a tendency to shade the schedule figures.

BONE.—Prices are $23 to $24 per ton for 3 and 50 ground steamed and at $24 to $25 per ton for 4½ and 50 ground raw.

Chicago, June 18.—Price movements in fertilizer markets have shown no important general change lately. Buying is not very aggressive. Most of the representative sellers are unwilling to consider bids much below their ruling quotations. Blood seems to be fairly firmly held. Movement of material out to the trade in various divisions of the market is fair. Most buyers seem to be awaiting some sort of turn in the general market situation before entering heavily into the market. Tankage is fair, while bone materials are mostly marking time.

BLOOD.—High grade, ground and unground, $2.70 to $2.90 per unit of ammonia; unground, suitable for feeding, 10 to 12 percent, extra good, $2.70 to $2.90 and 10c.; 7 to 9 percent, $2.90 to $3.15 and 10c.

TANKAGE.—High grade, ground, $2.40 to $2.50 and 10c.; low grade tankage, $15 to $15.50 per ton, Middle West; liquid stick, $2 to $2.25; hoof meal, $2.40 to $2.50.

BONE MATERIALS.—Ground, steamed bone, 1¼ percent ammonia and 60 percent phosphate, $16 to $17; 3 and 50 percent, $18 to $19; 4½ and 50 percent, $22 to $24; grinding hoofs, pigs' toes and waste horn materials, $18 to $19; junk and hotel kitchen bones, $16 to $18; cattle jaws, skulls and knuckles, $24 to $25; pork cracklings, soft pressed, $35 to $40; beef cracklings, soft pressed, $30 to $35; hard pressed cracklings, per unit of protein, 60c. to 62½c.

San Francisco, June 15.—In the light of present events the fertilizer situation has not changed much since a week ago. It is a quiet market here, and excepting for some interest in fish meal futures and a little hand-to-mouth trading in animal products the situation is bare of interest. Prices are in a number of cases no more than nominal. The trade is not concerning itself particularly with futures in the chemical division of the market and at present the season in this state for spreading is quite a long distance away.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $27.50 per ton; 200-pound bags, $26.80 per ton; bulk lots, $25.50 per ton, all ex vessel San Francisco/Oakland.

AMMONIA PHOSPHATE.—Quoted at $38.50 per ton, single bags; $39 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A.

SULPHATE OF AMMONIA.—Quoted at $29.50 per ton, f.o.b. cars, in 100-pound bags, San Francisco and Los Angeles harbor, and $30.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $31.50.

SUPERPHOSPHATE.—Domestic quoted nominally at 70c. to 75c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 80c. to 85c. per unit. Foreign material, 80c. per unit in bags, c.i.f. Pacific Coast.

FISH MEALS.—California sardine meal quoted at $42 per ton, f.o.b. San Francisco in cars for prompt shipment, with new season material for delivery after August at $32.50. Oregon meal, $32. Japanese sardine meal, spot, quoted at $34 per ton, with June-July shipment from the Orient quoted at $32.50 per ton, c.i.f. Pacific Coast.

TANKAGE.—Local packing house tankage, ground, quoted at $2.85 and 10c. per unit-ton, f.o.b. cars, Los Angeles, prompt shipment. San Francisco, $2.60 and 10c. Argentine ground tankage quoted nominally at $2.85 and 10c., c.i.f. Pacific Coast ports. Dry rendered, domestic ground, quoted at 70c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 52½c. per unit.

BONE MEAL.—Domestic steamed bone meal, 1 percent and 70 percent, quoted at $24.50 per ton, delivered Pacific Coast ports. Semi-raw, part steamed, 4½ percent and 50 percent, quoted at $24 per ton, delivered Pacific Coast ports. Raw Argentine meal nominal.

BLOOD MEAL.—Domestic quoted at $2.65 per unit, prompt shipment, f.o.b. cars, Los Angeles, and $2.50 San Francisco. Argentine and New Zealand meal quoted at $2.60 nominally, c.i.f. Pacific Coast.

German Nitrogen Exports

German exports of nitrogen during the first quarter of this year amounted to 234,500 metric tons, valued at 20,187,000 marks, according to information received by the Department of Commerce from the consul at Frankfort-on-Main. This total shows a continuous increase over the past two years, exports in the corresponding period in 1935 being 208,574 tons; in 1934, 155,656 tons.

Exports of sulphate of ammonia, which accounted for 71 percent of the total in 1934, constituted 55 percent of the shipments in this year's quarter; although the quantity had increased from 111,118 tons to 129,909 tons. Marked increases were made in exports of nitrate of ammonia, nitrophoska and similar mixtures, calcium nitrate, and urea. The nitrogen equivalents of the various products exported in the first quarter of this year were:—

	Metric tons.
Ammonia nitrate	13,705
Ammonia sulphate	129,909
Calcium nitrate and urea	23,470
Nitrophoska, etc	32,891
Potash nitrate	7,056
Soda nitrate	7,085
Unspecified nitrogenous fertilizers	20,384

The domestic German market likewise has shown expansion this year, sales for the entire fertilizer year beginning July 1, 1935, to date considerably surpassing those in the corresponding 1935 period, and thus establishing a new all-time high record, exceeding even the previous 1928-29 peak. Because of mildness of the weather, the domestic trade became active earlier than usual this year, and the demand has been so strong that stocks of certain types, notably cyanamide, nitrogen-lime-phosphate, and ammonia sulphate-nitrate, became exhausted, and deliveries had to be made from current production, with slight delays.

In 1934-35 Germany's domestic trade in nitrogen fertilizers expanded around 11 percent to 425,200 metric tons N, or only slightly less than the all-time peak of 432,000 tons recorded in 1928-29.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 4

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Essential Oils, Aromatic Chemicals

Essential Oils

(Continued from page 44)

competitive markets at home and abroad. Domestic oil was steady and in moderate supply. Outlook for new production in this country was uncertain.

Peppermint.—Redistilled oil on spot was 5c. lower at a minimum of $2.10 per pound. The range according to seller and quality was to $2.50. Natural oil lacked quotable change. The replacement cost of oil normal in menthol content made it difficult to account for some of the spot quotations that have been noted locally for some time past.

Pimento.—A turn toward lower prices and a more competitive market in pimento berry was noted last week but the movement failed to affect the position of oil on the spot. It was in light supply and prices in all quarters were exceptionally firm. Demand was routine.

Sassafras.—The tendency of the market seemed to be toward somewhat steadier position. At least, no further open reductions were made in quotations, and the position of raw material seemed to support moderately that position of oil. Demand was normal.

Savin.—Prices have become steadier on the whole and it did not appear that they were likely to work still lower at an early date. However, demand has not been much stimulated by the recent reductions, it was still along quiet lines indicative of jobbing requirements in most instances.

Spearmint.—The holdover supply of this oil will be low this year in the primary market and hence dealers look for fairly stable prices throughout the quiet Summer months. At no time since new crop came on the market did prices reach the levels that a short crop had led primary market producers to predict.

Thyme.—Nothing received from the primary market thus far is suggestive of any more favorable position for new crop oil than it was during the past year. In fact, cost of production this year may be raised by the wide spread labor troubles in the producing country. The market was considered to be exceptionally firm.

Wormseed.—Demand was slack but on the whole failed to affect the market adversely. Good quality oil was in too low supply to permit current volume of demand to affect prices at this time. Dealers on spot were firm in their views, and a similar situation prevailed so far as the primary market sellers were concerned.

Aromatic Chemicals

Anethol.—The market was steady as to price. Somewhat lower prices on raw material have not affected the value of anethol as yet and it was doubtful that they would; the article had not been advanced substantially when raw material costs soared in the past.

Anisic Aldehyde.—Prices were firm and ignored entirely the somewhat lower quotations at which raw material has been obtainable of late. Undertones were firmly maintained and the call was in line with normal requirements of buyers.

Citral.—Weakness in raw material continued and the price position of citral was certainly lacking in improvement last week. Production costs were lower than normal and afforded ample opportunity for the active competition prevailing locally.

Geraniol.—Production of raw material may be increased if and when manufacture of synthetic menthol in this country reaches the volume that some expect. If attained, the need for Java citronella oil is expected to increase production of that article by some 1,000,000 pounds per year.

Menthol.—Production of synthetic menthol in this country has been projected on a scale which, if realized, is likely to have a substantial effect on the demand for natural menthol in this market. It appears that price will be the determining factor in the realization of plans now afoot. It has been said that U.S.P. synthetic menthol cannot be produced in large volume in this country at a price likely to compete permanently with the natural product of Japan, and this view is held in quarters now making U.S.P. synthetic menthol based on Java citronella available at the lowest price in the history of the article. If geraniol could be sold for a high price, then the cost of producing synthetic menthol would be reduced but geraniol cannot fetch more than 75c. per pound under present competitive conditions. The situation is being watched closely here and abroad.

Methyl Salicylate. — Demand was steady and fairly broad, being about even with normal volume of trade in this article. Prices seemed to show nothing but well stabilized position on the spot.

Methyl Cinnamate.—Quotations were about steady but the market lacked much in the way of expanding demand and hence conditions tended to keep values favorable for manufacturing consumers.

Musk.—Open prices were still unchanged but the market showed signs of increasing competition and a reduction in quotations would not come as a surprise. The home industry that has been built up by the overcoming of many obstacles has been threatened with severe competition from abroad.

Magnus a Director of N. Y. Casualty

Percy C. Magnus, president of Magnus, Mabee & Reynard, Inc., manufacturer of essential oils, this city, has been elected a director of the New York Casualty Company. Other institutions with which Mr. Magnus is identified are the East River Savings Bank and the Underwriters Trust Cmopany, being a trustee of the former and a director of the latter. Recently Mr. Magnus was re-elected president of the New York Board of Trade.

Imports, Exports, and Charters

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New York Imports

ACID, CRESYLIC—25 dms, American British Chem Supplies, City of Flint, Liverpool
57 dms, Monsanto Chem Co, American Shipper, Liverpool
LINSEED OIL—200 bbls, Woburn Degreasing Co, Volendam, Rotterdam
NAPHTHENIC—100 dms, 50,536 lbs, Shell Eastern Petroleum Product Co, Exhibitor, Constanza
NEVILLE WINTHER—14 dms, E I Du Pont de Nemours Co, Pan America, Santos
ACONITE ROOT—7 bls, J L Hopkins & Co, President Wilson, Marseilles
ADEPS LANAE—100 bbls, 10 tons, 18 cwts, C Tennent Sons & Co, Scythia, Liverpool
AGAR AGAR—20 bls, S B Penick & Co, President Cleveland, Kobe
15 bls, T M Duche & Sons, President Cleveland, Yokohama
60 bls, Mitsui & Co, Nichiyo, Kobe
ALBUMEN, EGG HEN—45 cs, D L Moss & Co, Nankai, Shanghai
28 cs, Bridges, Neumer & Co, Nankai, Tientsin
28 pkgs, Stein, Hall & Co, President Cleveland, Tientsin
ALCOHOL, AMYL—3 bottles, C Happel, Deutschland, Hamburg
ALUMINUM LEAF—108 cs, Rohner, Gehrig & Co, Berlin, Bremen
64 cs, F C Gerlach & Co, Berlin, Bremen
12 cs, American Bluefriesveen, Volendam, Rotterdam
POWDER—44 dms, C J Osborn & Co, Deutschland, Hamburg
9 cs, G W Sheldon & Co, Deutschland, Hamburg
AMMONIA SULPHATE—250 bgs, Bradley & Baker, Volendam, Rotterdam
ANISE—50 bgs, 5,500 lbs, Knickerbocker Mills Co, Executive, Malaga
40 bgs, Knickerbocker Mills Co, Ingria, Marseilles
103 bgs, Ingria, Marseilles
ANNATTO SEED—50 bgs, President Wilson, Colombo
ANTIMONY, OXIDE—250 bgs, K R Sandekow, President Cleveland, Changsha
REGULUS—250 cs, Arnhold & Co, Nankai, Hankow
ARCHIL LIQUID—1 ck, 1 ton, 1 cwt, 2 qtrs, 3 lbs, A De Ronde & Co, Scythia, Liverpool
ARROWROOT—500 bbls, 200 bgs, Morningstar-Nicol, Fagersten, St Vincent
200 bbls, Morningstar-Nicol, M C Holm, St Vincent
ARSENIC, WHITE — 200 cs, Nankai, Yokohama
84 bbls, American Smelting & Refg Co, Panuco, Tampico
1,000 cs, American Cyanamid & Chem Co, Nichiyo, Kobe
ARTISTS' MATERIAL—4 cs, Gallagher & Ascher, Black Eagle, Rotterdam
4 cs, Winsor & Newton, American Merchant, London
ASBESTOS—800 bgs, Raw Asbestos Distr, West Cawthon, Beira
ASPHALT—450 bgs, A V Berner & Co, Oriente, Havana
1 car, A V Berner & Co, Seatrain New York, Havana
305 bgs, Central Commi Co, Seatrain New York, Havana
3,396 bbls, 3,735 dms, Barber Asphalt Co, M C Holm, Trinidad
MINERAL—295 bgs, Central Trading Co, Seatrain New Orleans, Havana
BALSAM—10 cs, Haiti, Cristobal
5 cs, W R Grace & Co, Santa Rosa, La Libertad
10 cs, Magnus, Mabee & Reynard, Santa Rosa, La Libertad
BAUXITE ORE—2,707 tons, Aluminum Union, Ltd, Fagersten, Georgetown
BAY RUM—150 bls, Hudson Tea & Spice Co, Manuela, San Juan
4 dms, A Cajigas, W D Munson, Ponce
BISMUTH, REF'D—150 cs, Cerro De Pasco Copper Corp, Santa Clara, Callao
BLEACHERS' BLUE—5 bbls, 1 ton, 2 cwt, 2 qtrs, A De Ronde & Co, Scythia, Liverpool
BRISTLES—7 bbls, Manufacturers Trust Co, Pilsudski, Gdynia
125 cs, Nankai, Shanghai
178 cs, Nankai, Tientsin
14 cs, F H Cone & Co, Nankai, Kobe
50 cs, Mitsui & Co, Nankai, Hankow
112 cs, Nankai, Hankow
100 cs, S Hirshenborn & Co, Nankai, Hankow
295 cs, Nankai, Tientsin
100 cs, Nankai, Shanghai
100 cs, F H Cone & Co, Nankai, Shanghai
17 pkgs, Davies, Turner & Co, President Cleveland, Shanghai
353 cs, B C Ritchie & Co, President Cleveland, Tientsin
50 cs, N Wagman & Co, President Cleveland, Hankow
20 cs, F W Von Stade, President Cleveland, Kobe
55 cs, H Rosenhirsch, President Cleveland, Tientsin
92 cs, F W Von Stade, President Cleveland, Tientsin
55 cs, F H Cone & Co, President Cleveland, Tsingtao
55 cs, F H Cone & Co, President Cleveland, Dairen
26 bbls, Draeger Shipping Co, Volendam, Rotterdam
5 cs, American Merchant, London
7 cs, Chesnut, Cooper & Co, American Merchant, London
6 cs, Continental Bank Trust Co, American Merchant, London
BRONZE POWDER—18 cs, G W Sheldon & Co, Deutschland, Hamburg
2 cs, Heemsoth, Pinckes & Kerner, Deutschland, Hamburg
3 dms, Phoenix Shipping Co, Deutschland, Hamburg
CADMIUM METAL — 10 cs, Berengaria, Southampton
CALCIUM METALLIC—8 cs, Ingria, Marseilles
TARTRATE—328 bgs, Harshaw Chem Co, Executive, Tarragona
215 bgs, Harshaw Chem Co, Executive, Alicante
347 bgs, Charles Pfizer & Co, Executive, Alicante
255 bgs, Executive, Alicante
320 bgs, Harshaw Chem Co, Exhibitor, Piraeus
277 bgs, Harshaw Chem Co, Ingria, Alicante
CAMPHOR, CRUDE—500 cs, Mitsui & Co, Nankai, Keelung
REFINED—150 cs, Mitsui & Co, Nichiyo, Kobe
CANAIGRE ROOT—64 bgs, Orizaba, Vera Cruz
CANARY SEED—219 bgs, National City Bank, Pan America, Buenos Aires
CARAWAY SEED—100 bgs, 11,000 lbs, Black Eagle, Rotterdam
CARAWAY SEED—100 bgs, 11,000 lbs, Durkee Famous Foods, Black Eagle, Rotterdam
100 bgs, 11,000 lbs, L Gronowitz, Volendam, Rotterdam
100 bgs, 11,000 lbs, Black Diamond Seed Co, Volendam, Rotterdam
CARDAMOM—30 cs, City of Birmingham, Colombo
CAROB FLOUR—10 cs, President Wilson, Marseilles
CASEIN—969 bgs, A Hurst & Co, Canadian Scottish, Auckland
834 bgs, T M Duche & Sons, Pan America, Buenos Aires
CASSIA—200 bls, A G Dunn, President Wilson, Hongkong
100 bls, B H Old & Co, President Wilson, Hongkong
172 pkgs, H P Winter & Co, Kota Radja, Padang
66 bls, Koto Radja, Padang
283 pkgs, H P Winter & Co, Kota Radja, Padang
181 bls, C T Wilson & Co, Kota Radja, Padang
82 bls, Knickerbocker Mills Co, Kota Radja, Padang
CASTOR BEANS—3,640 bgs, Ayuruoca, Rio de Janeiro
1,700 bgs, W R Grace & Co, Ayuruoca, Bahia
5,944 bgs, Ayuruoca, Bahia
1,709 bgs, Wessel, Duval & Co, West Selene, Bahia
2,580 bgs, Baker Castor Oil Co, West Selene, Bahia
3,400 bgs, National City Bank, West Selene, Pernambuco
CATTLE HOOFS—431 bgs, Geck Trading & Com Co, Seatrain New Orleans, Havana
HORNS—455 bgs, Geck Trading & Com Co, Seatrain New Orleans, Havana
CELERY SEED—20 bgs, I Harrison & Whitney, Ingria, Marseilles
10 bgs, Knickerbocker Mills Co, Ingria, Marseilles
50 bgs, Ingria, Marseilles
CHALK, COMMON—1,600 bgs, R L Watkins Co, Volendam, Rotterdam
PRECIPITATED—480 bgs, 10 tons, 10 cwts, 1 qtr, 12 lbs, Colgate-Palmolive-Peet Co, Scythia, Liverpool
CHAMOMILE FLOWERS—10 cs, 2,816 lbs, Deutschland, Hamburg
CHEMICALS—30 dms, Advance Solvents & Chem Co, Svanebolm, Gothenburg
2 cks, Advance Solvents & Chem Co, Bremen, Bremen
9 cs, Bremen, Bremen
21 cs, G J Wallau, Normandie, Havre
28 cks, Stanley Doggett, Berlin, Bremen
15 cks, 3 cs, 20 bbls, Pfaltz & Bauer, Berlin, Bremen
50 cks, Berlin, Bremen
4 cks, P C Kuyper & Co, President Wilson, Genoa
3 cks, 40 kgs, 4 bbls, 10 cs, Deutschland, Hamburg
1 cs, Lo Curto & Funk, Deutschland, Hamburg
15 cks, Advance Solvents & Chem Co, Deutschland, Hamburg
14 cs, Schimmel & Co, Deutschland, Hamburg
93 cks, Jungmann & Co, Deutschland, Hamburg
10 cs, 2,662 lbs, Deutschland, Hamburg
10 cs, Heemsoth, Pinckes & Kerner, Deutschland, Hamburg
150 dms, 46 cs, Black Eagle, Rotterdam
152 dms, American Cyanamid & Chem Co, Black Eagle, Rotterdam
24 cks, Philip Bauer Co, Black Eagle, Rotterdam
10 cks, Schieffelin & Co, Volendam, Rotterdam
14 cks, American Cyanamid & Chem Co, Volendam, Rotterdam
3 cs, 42 cks, Advance Solvents & Chem Co, Volendam, Rotterdam
26 cks, Volendam, Rotterdam
400 bgs, Robinson, Wagner Co, Volendam, Rotterdam
12 dms, 12 cs, Michel Export Co, Volendam, Rotterdam
40 kgs, R J Prentiss & Co, Volendam, Rotterdam
4 dms, 7 cks, 6 cs, Merck & Co, Volendam, Rotterdam
24 cks, Holland American Line, Volendam, Rotterdam
12 cs, Yardley & Co, American Merchant, London
CHILLIES—224 bgs, I Harrison & Whitney, Nichiyo, Kobe
112 bgs, Joensson Import Co, Nichiyo, Kobe
CHLOROPHYL—2 cs, Magnus, Mabee & Reynard, Duetschland, Hamburg
CINCHONA PRODUCTS—3 cs, R W Greeff & Co, Volendam, Rotterdam
CINNAMON—25 bls, City of Birmingham, Colombo
CLAY—200 bgs, Flat Co, Berlin, Bremen
20 cks, Hammill & Gillespie, Volendam, Rotterdam
COALTAR DERIVATIVE—18 cks, General Aniline Works, Volendam, Rotterdam
INTERMEDIATES—6 cks, General Aniline Works, Bremen, Bremen
2 cks, General Dyestuff Corp, Bremen, Bremen
51 cks, General Aniline Works, Black Eagle, Rotterdam
17 dms, 1 cs, General Aniline Works, Volendam, Rotterdam
10 cks, 17 dms, General Dyestuff Corp, Volendam, Rotterdam
5 dms, American Merchant, London
COBALT, RESIDUE—2,756 bgs, Rhokana, Corp, West Cawthon, Beira
COCA LEAVES—198 cs, Merck & Co, Silvercypress, Batavia
COCOA BEANS—1,300 bgs, Troubadour, Trinidad
250 bgs, West Cawthon, Trinidad
30 bgs, W & A Leaman, Martinigue, Jeremie
32 bgs, Curacao Trading Co, Martinigue, Jeremie
40 bgs, Schutte & Focke, Lima, Jeremie
78 bgs, Struller & Wood, Lima, Jeremie
68 bgs, Luna, Port de Paix
45 bgs, Schutte & Focke, Luna, Jeremie
18 bgs, Struller & Wood, Luna, Jeremie
454 bgs, Buenaventura, Cristobal
2,494 bgs, Busi & Stephenson, Zarembo, Lagos
1,084 bgs, Balfour, Guthrie & Co, Zarembo, Lagos
250 bgs, J Aron & Co, Fagersten, Port Spain
125 bgs, Wessel, Kulenkampf & Co, Fagersten, Port Spain
1,103 bgs, Fagersten, Port Spain
250 bgs, Santa Clara, Guayaquil
2,943 bgs, Curacao Trading Co, Coamo, Trujillo City
750 bgs, Royal Bank of Canada, Manuela, San Juan
122 bgs, Lopez & Mangual, Ingria, Aruba
COCOA BEANS—533 bgs, Ingria, Porto Cabello
460 bgs, Volendam, Rotterdam
244 bgs, Machado & Co, American Merchant, London
200 bgs, W R Grace & Co, Pan America, Port Spain
450 bgs, Barclay Bank, M C Holm, Granada
COCOABUTTER—10 cs, Holland American Line, Volendam, Rotterdam
REFINED—5 cs, R W Greeff & Co, Volendam, Rotterdam
COCONUTS—1,267 bgs, 126,700 lbs, J L Toledano Corp, Buenaventura, Colon
850 bgs, 85,000 lbs, Franklin Baker Co, Haiti, Cristobal
1,848 bgs, 184,800 lbs, Franklin Baker Co, Haiti, Kingston
21 bgs, 2,100 lbs, Haiti, Kingston
499 bgs, 49,900 lbs, A N Leakway, Haiti, Kingston
101 bgs, 10,100 lbs, Universal Import & Export Co, Haiti, Kingston
172 bgs, 17,200 lbs, Universal Import & Export Co, Coamo, San Juan
20 bgs, 2,000 lbs, Tomtee Novelty Co, Coamo, San Juan
109 bgs, 10,900 lbs, P R Fruit Co, Coamo, San Juan
595 bgs, 59,500 lbs, Franklin Baker Co, Manuela, Mayaguez
243 bgs, 24,300 lbs, Manuela, Mayaguez
837 bgs, 83,700 lbs, Franklin Baker Co, Maquela, San Juan
350 bgs, 35,000 lbs, Fruit Despatch Co, Ulua, Kingston
COCONUT, DESIC — 526 cs, Tunley & Co, President Cleveland, Manila
834 cs, Far Eastern Philippine Sales Corp, President Cleveland, Manila
361 cs, Dodwell & Co, President Cleveland, Manila
COLOCYNTH—27 bls, Barclay Bank, Mathura, Port Sudan
COLORS—21 pkgs, Normandie, Havre
COALTAR—7 kegs, General Dyestuff Corp, Black Eagle, Rotterdam
DRY—5 cks, 737 lbs, Deutschland, Hamburg
EARTH—41 cks, Fezandie & Sperrle, Berlin, Bremen
5 cks, T H Deutz, Volendam, Rotterdam
25 cks, Stanley Doggett, Volendam, Rotterdam
PRINTING—5 cs, Chas Happel, Deutschland, Hamburg
COLUMBITE CONCENTRATES—280 bgs, W H Sneath, Zarembo, Lagos
CORK—76 bls, L Mundet & Sons, Ingria, Lisbon
SHAVINGS—35 bls, Johnson-Turner Trading Co, Exhibitor, Bone
WASTE—394 bls, Johnson-Turner Trading Co, Exhibitor, Bone
8,438 bls, L Mundet & Sons, Ingria, Lisbon
797 bls, Wicander & Co, Ingria, Lisbon
WOOD—5,696 bls, Armstrong Cork Co, Executive, Seville
5,655 bls, Johnson-Turner Trading Co, Exhibitor, Bone
400 bls, Chase National Bank, Ingria, Lisbon
275 bls, Arco Crown Cork & Cap Co, Ingria, Lisbon
COTTON LINTERS—675 bls, Hercules Powder Co, Pan America, Santos
CUTTLEFISH BONES—3 pkgs, President Wilson, Marseilles
DERRIS RESIN—17 dms, W Cooper & Nephews, American Merchant, London
DEXTRIN—50 bgs, Deutschland, Hamburg
DYES, ALIZARIN—4 cks, General Dyestuff Corp, Deutschland, Hamburg
5 dms, 8 jugs, 40 cks, General Dyestuff Corp, Volendam, Rotterdam
ANILIN — 4 cks, 1 pkg, General Dyestuff Corp, Bremen, Bremen
16 dms, Sandoz Chem Works, Bremen, Bremen
8 cks, Ciba Co, Bremen, Bremen
42 pkgs, Ciba Co, Normandie, Havre
29 cks, Geigy Co, Normandie, Havre
32 pkgs, Sandoz Chem Works, Normandie, Havre
4 cks, 1 dm, E I Du Pont de Nemours Co, Scythia, Liverpool
12 cks, 1 dm, General Dyestuff Corp, Deutschland, Hamburg
33 cs, J E Bernard & Co, Deutschland, Hamburg
2 cs, 15 dms, 186 cks, General Dyestuff Corp, Volendam, Rotterdam
EGG YOLK, HEN—112 cs, Nankai, Taku Bar
134 cs, D L Moss & Co, Nankai, Shanghai
56 cs, T M Duche & Sons, Nankai, Tientsin
56 cs, Gottfried Baking Co, Nankai, Tientsin
56 cs, Nankai, Tientsin
112 cs, I Grob & Co, President Cleveland, Tientsin
112 cs, Hemmingson Bros, President Cleveland, Tientsin
112 cs, Kane Import Corp, President Cleveland, Tientsin
EPSOM SALT—550 bgs, Berlin, Bremen
254 bgs, E M Sergeant Pulp & Chem Co, Berlin, Bremen
EUCALYPTUS BERRIES—20 bgs, 2,428 lbs, Peek & Velsor, Executive, Seville
LEAVES—10 bgs, 998 lbs, Peek & Velsor, Executive, Seville
FENUGREEK SEED—122 bgs, 26,840 lbs, W M Allison & Co, Executive, Casablanca
FILTER COMPOUND—200 bls, 22,880 lbs, A W Fenton & Co, Deutschland, Hamburg
PAPER—11 cs, Deutschland, Hamburg
11 cs, H Reeve Angel & Co, American Merchant, London
FISH LIVERS—430 tons, Nankai, Kobe
300 cs, Nankai, Yokohama
FLAXSEED—1,218,200 kilos, 48,728 bu, Archer, Daniels, Midland Co, Troubadour, Buenos Aires
5,877,200 kilos, 235,088 bu, Archer, Daniels, Midland Co, Troubadour, Rosario
373 bgs, 1,200 bu, L Dreyfus & Co, Pan America, Buenos Aires
403 tons, 18,520 bu, L Dreyfus & Co, Pan America, Buenos Aires
FLEASEED—67 bgs, Lax Seed Co, President Wilson, Bombay
201 bgs, Peek & Velsor, President Wilson, Bombay
140 bgs, S B Penick & Co, President Wilson, Bombay
15 bgs, Ideal Trading Co, President Wilson, Marseilles
70 bgs, Kachurin Drug Co, President Wilson, Marseilles
200 bgs, Ingria, Marseilles
FLOWERS, MEDICINAL—4 bgs, Ingria, Barcelona
FLUORSPAR—457,200 kilos, Wm Mueller & Co, Deutschland, Hamburg
FULLER'S EARTH—200 bgs, 44,000 lbs, L A Salomon & Bros, American Merchant, London
GAMBIER—64 bgs, President Wilson, Singapore
1 cs, H P Winter & Co, Kota Radja, Singapore
GELATIN—14 cs, International Selling Corp, Normandie, Havre
100 bls, Normandie, Havre
22 cs, Dingelstedt & Co, Deutschland, Hamburg
POWD—11 bbls, R D McLellan, Volendam, Rotterdam
SHEETS—25 cs, R D McLellan, Volendam, Rotterdam
GINGER ROOT—328 bgs, Zarembo, Freetown
12 bgs, Knickerbocker Mills Co, Haiti, Kingston
GLASS, PLATE—23 cs, Globe Shipping Co, Berlin, Bremen
27 cs, Globe Shipping Co, Deutschland, Hamburg
SHEET—4 cs Globe Shipping Co, American Shipper, Liverpool
WINDOW—5 cs, Leo Popper & Sons, Deutschland, Hamburg
GLUE, BONE—400 bgs, 43,500 lbs, T M Duche & Sons, Deutschland, Hamburg
MARINE—43 cs, W E Williams, American Shipper, Liverpool
GLYCERIN—40 dms, M J Corbett & Co, Volendam, Rotterdam
2 cs, American Merchant, London
GRAPHITE—63 pkgs, E Faber Pencil Co, President Wilson, Marseilles
331 bgs, Bank of Manhattan, Mathura, Colombo
333 bgs, Mathura, Colombo
GREASE, WOOL—100 dms, 20 tons, 8 cwts, 18 lbs, Hummel Chem Co, Scythia, Liverpool
GUM—10 cs, American Merchant, London
ARABIC—200 bgs, T M Duche & Sons, City of Birmingham, Port Sudan
50 bgs, Frank Vliet Co, City of Birmingham, Port Sudan
150 bgs, Innis, Speiden & Co, Mathura, Port Sudan
150 bgs, Henry Heide, Mathura, Port Sudan
150 bgs, Chase Natl Bank, Mathura, Port Sudan
CHICLE—1,142 bls, Mexican Exploitation Co, Orizaba, Vera Cruz
COPAL—103 baskets, O G Innes Corp, Silvercypress, Amboina
748 baskets, Manufacturers Trust Co, Silvercypress, Macassar
140 bgs, Manufacturers Trust Co, Silvercypress, Singapore
443 bgs, Stroock & Wittenberg, President Cleveland, Manila
140 bgs, 275 baskets, O G Innes Corp, Kota Radja, Batavia
1 cs, Wessel, Duval & Co, Kota Radja, Macassar
70 bgs, Stroock & Wittenberg, Kota Radja, Singapore
161 baskets, O G Innes Corp, Kota Radja, Amboina
DAMMAR—100 cs, Guaranty Trust Co, Silvercypress, Padang
210 bgs, Manufacturers Trust Co, Silvercypress, Singapore
210 bgs, France, Campbell & Darling, President Wilson, Singapore
192 bgs, S Winterbourne & Co, President Wilson, Singapore
550 cs, Kota Radja, Batavia
210 bgs, Thurston & Braidich, Kota Radja, Singapore
50 cs, W H Scheel, Kota Radja, Singapore
100 cs, Bank New York Trust Co, Kota Radja, Padang
100 cs, Guaranty Trust Co, Kota Radja, Padang
INDUSTRIAL—20 cs, Innis, Speiden & Co, President Wilson, Marseilles
KARAYA—70 bgs, Frank Vliet Co, President Wilson, Bombay
40 bgs, W M Allison & Co, President Wilson, Bombay
132 bgs, C H Masland & Son, President Wilson, Bombay
266 bgs, National Carloading Co, President Wilson, Bombay
KAURI—55 bgs, Canadian Scottish, Auckland
178 bgs, Stroock & Wittenberg, Canadian Scottish, Auckland
MASTIC—15 cs Mathura, Port Said
OLIBANUM—35 cs, J L Hopkins & Co, City of Birmingham, Aden
16 cs, S B Penick & Co, City of Birmingham, Aden
70 bgs, W McDonagh & Son, President Wilson, Bombay
TRAGACANTH—570 bgs, E Meer & Co, President Wilson, Bushire
45 bgs, Frank Vliet Co, President Wilson, Bombay
28 bgs, E Meer & Co, American Merchant, London
YACCA—300 bgs, Canadian Scottish, Port Adelaide
GYPSUM—5,550 tons, W S Gypsum Co, Gypsum Queen, Windsor
5,400 tons, W S Gypsum Co, Gypsum Empress, Windsor
HENNA LEAVES—140 bls, J L Hopkins & Co, President Wilson, Alexandria
119 bls, President Wilson, Alexandria
60 bls, J L Hopkins & Co, Mathura, Suez
HERBS, MEDICINAL—11 bls, Deutschland, Hamburg
HOPS—22 bls, S S Steiner & Co, Deutschland, Hamburg
HOREHOUND HERBS—76 bls, 8,118 lbs, J L Hopkins & Co, Executive, Alicante
INK, WRITING—60 cs, American Express Co, American Merchant, London
IPECAC ROOT—30 bgs, Alfaro Bros, Haiti, Cristobal
28 bgs, Haiti, Cristobal
IRON ORE—16 dms, Reichard-Coulston, American Shipper, Liverpool
OXIDE—20 bbls, Landers-Segal Color Co, Executive, Malaga
114 bbls, 58,436 lbs, C J Osborn & Co, Executive, Malaga
300 bbls, 138,600 lbs, F K Williams & Co, Executive, Malaga
417 bbls, 224,226 lbs, Reichard-Coulston, Executive, Malaga
50 bbls, 22,000 lbs, Executive, Malaga
4 cks, 27 kegs, 2 tons, 15 cwt, 3 qtrs, 13 lbs, J H Rhodes & Co, Scythia, Liverpool
5 cks, 1 ton, 8 cwt, 15 qtrs, J Lee Smith & Co, Scythia, Liverpool
360 bgs, 25 bbls, Ingria, Malaga
80 bbls, J Lee-Smith & Co, Ingria, Malaga
125 bbls, Reichard-Coulston, Ingria, Malaga
1,140 bbls, 436 bgs, C J Osborn & Co, Ingria, Malaga
5 cks, F H Deutz, Volendam, Rotterdam
KYANITE—5 tons, City of Birmingham, Calcutta
LIME JUICE—15 hhds, Fagensten, Roseau
LITHOPONE—800 cks, B Moore & Co, Volendam, Rotterdam
MACE—56 cs, Catz American Co, Kota Radja, Batavia
MAGNESIA, CALCINED — 20 cs, Schofield-Donald Co, American Shipper, Liverpool
CARBONATE—12 cs, Schofield-Donald Co, American Shipper, Liverpool
STEARATE — 2 cs, Yardley Co, American Merchant, London

MAGNESITE—1,200 bgs, City of Birmingham, Madras
CALCINED—40 bbls, Innis, Speiden & Co, Volendam, Rotterdam
MANGROVE BARK EXTRACT—2,000 bgs, Silvercypress, Singapore
4,097 bgs, Philippine Cutch Corp, President Wilson, Zamboanga
MANNITE—3 cs, Alpinol Corp, President Wilson, Genoa
MATCHES, SAFETY—25 cs, Muller Trading Co, Nichiyo, Kobe
MEDICINAL PREPS—7 cs, Alpinol Corp, President Wilson, Genoa
1 dm, C L Huisking & Co, Volendam, Rotterdam
METHYLTAURIN — 59 dms, General Anilin Works, Volendam, Rotterdam
MICA—126 cs, Gillespie-Rogers-Pyatt Co, City of Birmingham, Calcutta
34 cs, A J Bracher & Co, Berengaria, Southampton
25 cs, Banca Com'l Italian Trust Co, American Merchant, London
BLOCKS—182 cs, City of Birmingham, Calcutta
CONDENSER—13 cs, City of Birmingham, Calcutta
DISCS—4 cs, City of Birmingham, Calcutta
FILM—31 cs, City of Birmingham, Calcutta
2 cs, Eugene Munsell, American Merchant, London
SPLITTINGS—120 cs, Gillespie-Rogers-Pyatt Co, Mathura, Calcutta
457 cs, City of Birmingham, Calcutta
14 cs, Eugene Munsell, American Merchant, London
MOLASSES — 421,089 gls, American Molasses Co, Dora, Havana
112,754 gls, Baraqua Sugar Estates, Dora, Jucaro
8,968 tons, Athelknight, Sourabaya
4,301 tons, Athelknight, Tegal
614 tons, W R Grace & Co, Santa Clara, Supe
MUSTARD SEED—550 bgs, American Merchant, London
NUTMEGS—100 bgs, Royal Bank of Canada, Fagersten, Grenada
100 bgs, Barclay Bank, Fagersten, Grenada
41 bgs, Volendam, Rotterdam
50 bgs, Barclay Bank, M C Holm, Grenada
51 cs, Catz American Co, Kota Radja, Batavia
OCHER—36 bbls, Robinson, Wagner Co, Ingria, Marseilles
OIL, ALMOND—3 cs, Fritzsche Bros, President Wilson, Marseilles
ANISE—5 dms, Ungerer & Co, President Wilson, Hongkong
2 dms, Dodge & Olcott Co, President Wilson, Hongkong
2 dms, Orbis Product Trading Co, President Wilson, Hongkong
8 dms, Ingria, Barcelona
BATCHING—300 cs, Bank of California, Kota Radja, Balikpapan
BAY—5 cs, D Steengrafe, Manuela, Arroyo
15 cs, Geo Luelders & Co, Manuela, Arroyo
CAMPHOR—50 dms, Dodge & Olcott Co, Nankai, Kobe
25 dms, Orbis Product Trading Co, Nankai, Kobe
30 dms, Nankai, Yokohama
CHINAWOOD—Quantity, Spencer Kellogg & Sons, Nankai, Hankow
550 tons, S L Jones & Co, President Cleveland, Hankow
290 tons, Balfour, Guthrie & Co, President Wilson, Hankow
CINNAMON LEAF—1 dm, National City Bank, City of Birmingham, Colombo
1 dm, National City Bank, President Wilson, Colombo
43 dms, R C Treatt & Co, American Merchant, London
1 cs, American Merchant, London
CITRONELLA—80 dms, G W Rueff, Silvercypress, Batavia
8 dms, Kota Radja, Batavia
COCONUT—202 tons, Philippine Refg Co, Silvercypress, Cebu
COD—200 dms, Deutschland, Hamburg
100 dms, I R Boody & Co, Nichiyo, Yokohama
CODLIVER—195 dms, Berlin, Bremen
380 dms, Brown Bros, Harriman Co, Deutschland, Hamburg
CORN — 250 dms, Corn Product Refg Co, Deutschland, Hamburg
75 dms, Balfour, Guthrie & Co, Volendam, Rotterdam
75 dms, American Merchant, London
ESSENTIAL—54 cs, Normandie, Havre
2 cs, President Wilson, Marseilles
5 cs, Deutschland, Hamburg
21 dms, Santa Rosa, San Jose
13 cs, Volendam, Rotterdam
FISH—60 dms, Nankai, Yokohama
FUEL—110,000 bbls, Standard Oil Co of N J, Standard, Aruba
67,055 bbls, Shell Terminal Corp, Trocas, Curacao
82,000 bbls, Standard Oil Co of N J, E G Seubert, Aruba
110,000 bbls, Standard Oil Co of N J, H J Seidel, Aruba
54,500 bbls, Anglo Mexican Petroleum Corp, San Leon, Tampico
6,150 bbls, Anglo American Petroleum Corp, San Leon, Tuxpan

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OIL, GERANIUM—4 cks, City of Birmingham, Colombo
6 dms, A M Todd, West Cawthon, Durban
LIME—3 cs, Ungerer & Co, Santa Rosa, Mazatlan
11 cs, Geo Luelders & Co, Santa Rosa, Mazatlan
1 dm, Yardley & Co, American Merchant, London
1 cs, Ulua, Kingston
LINSEED—45 dms, I R Boody & Co, Black Eagle, Rotterdam
MINERAL—220 dms, 99,026 lbs, Deutschland, Hamburg
OLEINE—10 bbls, National Oil Product Co, City of Flint, Liverpool
OLIVE—38 cs, Normandie, Havre
20 dms, Desmone Bros, Executive, Tunis
50 dms, Executive, Tunis
15 dms, General Olive Oil Co, Executive, Tarragona
10 dms, Executive, Tarragona
50 dms, Public Natl Bank, Executive, Malaga
145 dms, 50 cs, Executive, Malaga
25 dms, F H Leggett & Co, Executive, Seville
50 dms, J Mineroini, President Wilson, Genoa
2,075 cs, President Wilson, Genoa
110 cs, President Wilson, Marseilles
45 dms, Great Atlantic & Pacific Tea Co, President Wilson, Marseilles
50 cs, Ingria, Nice
55 cs, Berengaria, Southampton
OLIVE SULPHUR—430,000 kilos, Banca Coml Italian Trust Co, Executive, Seville
350 bbls, E M Sergeant Pulp & Chem Co, Ingria, Lisbon
ORANGE—2 cs, Colombia S S Co, Haiti, Kingston
13 cs, Orbis Product Trading Co, Ingria, Alicante
20 cs, Barclay Bank, Ulua, Kingston
12 cs, Ulua, Kingston
PALM—836 tons, Balfour, Guthrie & Co, Zarembo, Matadi
124 dms, Balfour, Guthrie & Co, Zarembo, Lagos
1,308 tons, Guaranty Trust Co, Kota Radja, Belawan Deli
668 tons, Van Leeuwen Boomkamp Co, Kota Radja, Belawan Deli
PALMAROSA—2 pots, Norda Essential Oil & Chem Co, President Wilson, Bombay
PERILLA—Quantity, Mitsui & Co, Nankai, Osaka
50 dms, J R Boody & Co, Nichiyo, Nagoya
RAPESEED—1 dm, Mitsui & Co, Nankai, Kobe
100 dms, Mitsui & Co, Nichiyo, Nagoya
RESIDUE—25 dms, 11,706 lbs, Deutschland, Hamburg
ROSEMARY—2 dms, Fritzsche Bros, Executive, Alicante
7 dms, Geo Luelders & Co, Executive, Alicante
SPERM—30 dms, California, Glasgow
SUNFLOWER SEED—2,298 dms, Exhibitor, Bourgas
100 dms, J R Boody & Co, Black Eagle, Rotterdam
38,406 kilos, J R Boody & Co, Black Eagle, Rotterdam
TEASEED—200 dms, Nankai, Canton
VEGETABLE—64 dms, Ingria, Barcelona
ORANGE FLOWERS, PETALS—2 bls, 499 lbs, Peek & Velsor, Executive, Seville
ORANGE PEEL—2 bls, 501 lbs, Peek & Velsor, Executive, Seville
PALM KERNEL—6,358 bgs, G B Ollivant, Zarembo, Lagos
PAPAIN—20 cs, City of Birmingham, Colombo
33 cs, S B Penick & Co, President Wilson, Colombo
PAINT—46 pkgs, Baer Bros, W D Munson, Mayaguez
PAPRIKA—175 cs, Briones & Co, Berlin, Bremen
100 cs, Irving Trust Co, Berlin, Bremen
250 cs, Villar & Osorio, Berlin, Bremen
40 bgs H Schoenfeld & Sons, Executive, Alicante
15 cs, 60 bgs, Executive, Alicante
35 bgs, National Carloading Co, Deutschland, Hamburg
275 bgs, Knickerbocker Mills Co, Ingria, Alicante
100 bgs I Harrison & Whitney, Ingria, Alicante
50 bgs, Van Loan & Co, Ingria, Alicante
30 bgs, O Miller & Sons, Ingria, Alicante
30 bgs, J Raphael & Son, Ingria, Alicante
30 bgs, Villar & Osorio, Ingria, Alicante
50 bgs, Durkee Famous Foods, Ingria, Alicante
300 bgs, Gallagher & Ascher, Ingria, Alicante
25 bgs, 25 cs, Briones & Co, Ingria, Alicante
733 bgs, 75 cs, Ingria, Alicante
PARAFFIN — 800 bgs, Bank of California, Kota Radja, Balikpapan
PEATMOSS—2,700 bls, Berlin, Bremen
PEPPER, BLACK—2,000 bgs, Irving Trust Co, Silvercypress, Oosthaven
1,993 bgs, Silvercypress, Oosthaven
264 bgs, City of Birmingham, Colombo
82 bgs, Knickerbocker Mills Co, President Wilson, Singapore
600 bgs, Kota Radja, Oosthaven
WHITE—250 bgs, Frank Tea & Spice Co, Silvercypress, Oosthaven
85 bgs, Catz American Co, Kota Radja, Kota Baroe
PETROLEUM, CRUDE—111,955 bbls, Gulfhawk, Las Piedras
70,000 bbls, Mexican Atlas Petroleum Co, Huguenot, Tampico
DERIVATIVE—5 dms, 2,301 lbs, Deutschland, Hamburg
PITCH DISTILLATION—5 dms, Deutschland, Hamburg
PLASTER—2,300 tons, Newark Plaster Co, Kem, Hillsborough
POPPYSEED—100 bgs, Bunge North American Grain Co, Volendam, Rotterdam
POTASH, CAUSTIC — 102 dms, 37,919 lbs, American Cyanamid & Chem Co, Deutschland, Hamburg
CHLORATE—1,850 cks, Uniform Chem Product Co, Deutschland, Hamburg
SALT—20 kegs, Mager Bros, American Merchant, London
SULPHATE—20 bgs, N V Potash Export My, Deutschland, Hamburg
PYRETHRUM EXTRACT—1 cs, Crowley Tar Prod Co, Nichiyo, Yokohama

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PYRETHRUM FLOWERS—50 bls, S B Penick & Co, Nichiyo, Kobe
PYRITES—6,688,040 kilos, Pyrites Co, Ullstad, Huelva
QUEBRACHO EXTRACT—3,330 bgs, International Prod Corp, Pan America, Buenos Aires
QUICKSILVER—60 flasks, Chase Natl Bank, Orizaba, Vera Cruz
150 flasks, Roma & Fogar, Ingria, Alicante
275 flasks, Ingria, Alicante
QUININE SULPHATE—50 cs, Merck & Co, Volendam, Rotterdam
RAPESEED—4 bgs, Mitsui & Co, Nankai, Kobe
RHUBARB—24 cs, Nankai, Shanghai
ROOT, MEDICINAL—5 bgs, Ingria, Barcelona
SAFFRON FLOWERS—1 cs, General Olive Oil Corp, Ingria, Alicante
SAGO FLOUR—500 bgs, Chase Natl Bank, Silvercypress, Singapore
SANDALWOOD—134 bgs, Greene Trading Co, President Wilson, Bombay
253 bdls, Kota Radja, Macassar
SAPONIN—10 cs, Stauffer Chem Co, Deutschland, Hamburg
SAWDUST—5 bgs, Canadian Scottish, Sydney
SENNA LEAVES—30 bls, J L Hopkins & Co. City of Birmingham, Colombo
SESAME EXTRACT—10 dms, President Wilson, Alexandria
SEED—180 bgs, Bingham & Co, Nankai, Shanghai
600 bgs, Arnhold & Co, Nankai, Hankow
SHELLAC—13 cs, A Hurst & Co, Deutschland, Hamburg
235 bgs, 75 cs, Wm Zinsser & Co, City of Birmingham, Calcutta
250 bgs, Mac Lac Co, City of Birmingham, Calcutta
100 bgs, Schwab Bros, City of Birmingham, Calcutta
100 bgs, Argenti & Co, City of Birmingham, Calcutta
25 bgs, Carleton & Moffatt, City of Birmingham, Calcutta
300 bgs, Alfred Kramer & Co, City of Birmingham, Calcutta
100 bgs, E J Cornelis, City of Birmingham, Calcutta
500 bgs, E E Androvette, Mathura, Calcutta
200 bgs, Brown Bros, Harriman Co, Mathura, Calcutta
100 bgs, National City Bank, Mathura, Calcutta
550 bgs, Guaranty Trust Co, Mathura, Calcutta
175 bgs, 100 cs, Wm Zinsser & Co, Mathura, Calcutta
50 bgs, 25 cs, Bank of London South America, Mathura, Calcutta
350 bgs, Philadelphia Natl Bank, Mathura, Calcutta
12 bgs, 30 cs, A Hurst & Co, Volendam, Rotterdam
100 bgs, A Hurst & Co, American Merchant, London
BUTTONLAC—20 bgs, Wm Zinsser & Co, Mathura, Calcutta
KIRIELAC—2 bgs, Alfred Kramer & Co, Mathura, Calcutta
SEEDLAC—200 bgs, Mac Lac Co, City of Birmingham, Calcutta
100 bgs, Schwab Bros, City of Birmingham, Calcutta
500 bgs, Argenti & Co, City of Birmingham, Calcutta
200 bgs, Carleton & Moffatt, City of Birmingham, Calcutta
650 bgs, Alfred Kramer & Co, City of Birmingham, Calcutta
350 bgs, 50 cs, E J Cornelis, City of Birmingham, Calcutta
800 bgs, E E Androvette, Mathura, Calcutta
900 bgs, Argenti & Co, Mathura, Calcutta
300 bgs, Wm Zinsser & Co, Mathura, Calcutta
280 bgs, Carleton & Moffatt, Mathura, Calcutta
400 bgs, Brown Bros, Harriman Co, Mathura, Calcutta
200 bgs, Guaranty Trust Co, Mathura, Calcutta
200 bgs, Bank of London South America, Mathura, Calcutta
475 bgs, Chase Natl Bank, Mathura, Calcutta
200 bgs, Philadelphia Natl Bank, Mathura, Calcutta
1,000 bgs, National City Bank, Mathura, Calcutta
275 bgs, Alfred Kramer & Co, Mathura, Calcutta
STICKLAC—65 bgs, E E Androvette, City of Birmingham, Calcutta
SOAP—79 cs, Natl Bank of Greece, President Wilson, Mitylene
28 cs, J E Bernard & Co, American Merchant, London
1 cs, Yardley & Co, American Merchant, London
MILLINGS—45 cs, Yardley & Co, American Merchant, London
SOFT—20 dms, J E Bernard & Co, Deutschland, Hamburg
STEARIC ACID—7 cs, Yardley & Co, American Merchant, London
SODA, AZIDE—12 bbls, 1,478 lbs, E I Du Pont de Nemours Co, Deutschland, Hamburg
HYDROSULPHITE—1 cs, 46 dms, E Ritter, Bremen, Bremen
PHOSPHATE—15 bbls, 1,881 lbs, Deutschland, Hamburg
PRUSSIATE—33 cks, M J Corbett & Co, Volendam, Rotterdam
SILICOFLUORIDE — 160 bbls, 97,320 lbs, Harshaw Chem Co, Deutschland, Hamburg
100 bgs, 22,000 lbs, Deutschland, Hamburg
THIOSULPHATE—20 bbls, 7,799 lbs, Heemsoth, Pinckes & Kerner, Deutschland, Hamburg
SPONGES — 12 bls, Milton Snediker Corp, Normandie, Havre
2 cs, Alpinol Corp, President Wilson, Genoa
19 bls, Veragua, Havana
36 bls, National Sponge Co, Santa Rosa, Havana
23 bls, Schroeder & Tremayne, Santa Rosa, Havana
41 bls, Greek American Sponge Co, Santa Rosa, Havana
6 bls, American Sponge & Chamois Co, American Merchant, London
33 bls, J Block, American Merchant, London
STARCH, POTATO—250 bgs, Stein, Hall & Co, Volendam, Rotterdam
50 bgs, American Cyanamid & Chem Co, Volendam, Rotterdam
SOLUBLE—100 bgs, Morningstar-Nicol, Volendam, Rotterdam
SULPHUR, PRECIP—20 cs, Lo Curto & Funk, Scythia, Liverpool
TALC—5 bgs, Bank of Athens, Exhibitor, Piraeus
TALLOW—227 dms, Irving Trust Co, West Cawthon, Dublin
125 dms, Canadian Scottish, Sydney
260 dms, Canadian Scottish, Auckland
VEGETABLE—414 cs, West Selene, Para
TAPIOCA FLOUR—1,070 bgs, Balfour, Guthrie & Co, Silvercypress, Pemanoekan
202 bgs, G W Rueff, Silvercypress, Batavia
500 bgs, Stein, Hall & Co, Silvercypress, Batavia
2,191 bgs, Stein, Hall & Co, Kota Radja, Sourabaya
250 bgs, Chase National Bank, Kota Radja, Cheribon
500 bgs, H P Minter & Co, Kota Radja, Batavia
TAPIOCA FLOUR—256 bgs, Java American Export Co, Kota Radja, Cheribon
MEAL—250 bgs, H P Winter & Co, Kota Radja, Batavia
THYME LEAVES—195 bls, Seeck & Kade, President Wilson, Marseilles
67 bls, President Wilson, Marseilles
TIMBO, POWD—360 cs, West Selene, Para
TONKA BEANS—150 cs, American Tobacco Co, M C Holm, Trinidad
TURMERIC—80 bgs, President Wilson, Alleppey
58 bgs, President Wilson, Madras
103 bgs, President Wilson, Bombay
TUNGSTEN CONCENTRATES—270 bgs, W H Sneath, West Cawthon, Beira
UMBER, BURNT—30 cks, Robinson-Wagner Co, Mathura, Port Said
20 cks, Stanley Doggett, Mathura, Port Said
RAW—5 cks, Stanley Doggett, Mathura, Port Said
UVA URSI LEAVES—50 bls, 6,600 lbs, J L Hopkins & Co, Executive, Alicante
83 bls, 10,956 lbs, Executive, Alicante
58 bls, 5,682 lbs, American Express Co, Executive, Alicante
VALONEA—2,419 bgs, Banca Com'l Italiana-Greece, Exhibitor, Gythion
1,240 bgs, J A Barkey & Co, Exhibitor, Istanbul
VANILLA BEANS—24 cs, Manufacturers' Trust Co, City of Birmingham, Aden
104 cs, City of Birmingham, Aden
4 cs, F Huber & Co, Orizaba, Vera Cruz
10 cs, Bank of Mexico, Orizaba, Vera Cruz
49 cs, Thurston & Braidich, Orizaba, Vera Cruz
38 cs, Thurston & Braidich, President Wilson, Marseilles
50 cs, Philadelphia Nat'l Bank, President Wilson, Marseilles
27 cs, President Wilson, Marseilles
VIOLET FLOWERS—1 bg, Yardley & Co, American Merchant, London
VIOLET ULTRAMARINE—1 ck, Calco Chem Co, Volendam, Rotterdam
WATTLE BARK—6,817 bbls, Roesling, Monroe & Co, West Cawthon, Durban
1,007 bgs, Tanain Corp, West Cawthon, Durban
WAX, BEES—20 bgs, Van Oppen & Co, Oriente, Havana
6 bgs, Schutte & Focke, Luna, Jeremie
98 bgs, D A Zorilla, Panuco, Tampico
10 bgs, Orizaba, Vera Cruz
7 bgs, A I Root Co, Orizaba, Havana
51 bgs, W R Grace & Co, Santa Clara, Talcahuano
18 bgs, W R Grace & Co, Santa Clara, Valparaiso
259 bgs, D Steengrafe, Ayuruoca, Rio de Janeiro
298 bgs, Strohmeyer & Arpe Co, Ayuruoca, Rio de Janeiro
190 bgs, Ayuruoca, Rio de Janeiro
11 bgs, W M Allison & Co, Mathura, Suez
26 bgs, W M Allison & Co, Panuco, Tampico
100 bgs, Strohmeyer & Arpe Co, Pan America, Santos
CANDELILLA—63 bgs, W M Allison & Co, Panuco, Tampico
351 bgs, D A Zorilla, Panuco, Tampico
595 bgs, M Argueso & Co, Panuco, Tampico
CARNAUBA—312 bgs, American Cyanamid & Chem Co, Ayuruoca, Bahia
CRUDE—134 bgs, 22,110 lbs, American Cyanamid & Chem Co, Deutschland, Hamburg
MINERAL—4 bgs, General Dyestuff Corp, Volendam, Rotterdam
MONTAN—850 bgs, 126,676 lbs, Strohmeyer & Arpe Co, Deutschland, Hamburg
SPERMACETI—100 bgs, California, Glasgow
VEGETABLE—450 cs, Mitsui & Co, Nichiyo, Kobe
YEAST, BAKERS—250 bgs, Vulkan Yeast Co, Deutschland, Hamburg
161 kegs, 13 crts, Deutschland, Hamburg
BREWERS—400 bgs, Scythia, Liverpool
ZEDOARY ROOT—10 bgs, Peek & Velsor, President Wilson, Bombay
ZINC OXIDE—40 cks, 11,000 lbs, State Chem Co, Scanstates, Gdynia
4 cs, Yardley & Co, American Merchant, London

New York Transit Imports

ASPHALT—26 bgs, American Merchant, London, Chicago
GELATIN SHEET—40 cs, American Express Co, Black Eagle, Rotterdam, Rochester
JUNIPER BERRIES—10 cs, American Shipping Co, President Cleveland, Carpentersville, Chicago
OIL, CASHEW SHELL, LIQUID—80 dms, Irvington Varnish & Insulator Co, President Wilson, Mangalore, Irvington
SPONGES—5 bls, Orizaba, Havana, Buenos Aires
2 bls, J H Rhodes & Co, President Wilson, Manila, Chicago
25 bls, Santa Rosa, Havana, Bordeaux
15 bls, Santa Rosa, Havana, Marseilles
36 bls, Santa Rosa, Havana, Havre
WAX, VEGETABLE—100 cs, C H Stone, Nichiyo, Kobe, Charlotte

Baltimore Imports

ALUMINUM POWDER—2 cs, Trans Seas Shipping Co, City of Hamburg, Hamburg
BRONZE POWDER—9 cs, Trans Seas Shipping Co City of Hamburg, Hamburg
CHEMICALS—10 cs, Baltimore & Ohio R R Co, City of Hamburg, Bremen
353 bgs, F H Skallus & Co, City of Hamburg, Hamburg
300 bgs, City of Hamburg, Bremen
CHROME ORE—3,664 tons, Philadelphia Nat Bank, Charles H Cramp, Lourence Marques
CASEIN—430 bgs, Pipestone County, Bordeaux
IRON ORE—22,000 tons, Bethlehem Steel Co, Chilore, Cruz Grande
PEATMOSS—770 bls, City of Hamburg, Hamburg
4,555 bls, City of Hamburg, Bremen
50 half bls, City of Hamburg, Bremen
PETROLEUM, CRUDE — 66,495 bbls, Pan American Refining Corp, Joseph Seep, Tampico
SALTCAKE—300 tons, City of Hamburg, Bremen
SAND, ILMENITE—8,777 tons, Adelfoils, Koilthottam
TALC—400 bgs, Moore & Munger, Pipestene County, Bordeaux

Boston Imports

ARGOLS—91 double bgs, Maria, Naples
CASSIA—25 bls, B H Old & Co, Tai Yang, Hongkong
CHEMICALS—800 bgs, Manufacturers Chemical Co, Bessa, Gothenburg
COCONUT, DESIC—100 cs, Bank of California, Tai Yang, Davao
105 cs, Cooperative Coconut Products, Tai Yang, Manila
EMERY, POWDER—20 bgs, 1 cs, Nicholson & Co, American Merchant, London
1 cs, Atkinson, Hoserick & Co, Scythia, Liverpool
FERTILIZER, CHEMICAL MANURE—15 bgs, Perry Seed Co, American Merchant, London
FISH MEAL—1 bx, Consumers Import Co, Yarmouth, Yarmouth
GLUESTOCK, FISH SCRAP—1 bbl, J R Poole Co, Yarmouth, Yarmouth
GUM, COPAL—64 bsks, Kota Radja, Batavia

OIL, CODLIVER—300 dms, United Drug Co, Topeka, Bergen
CORN—50 dms, American Merchant, London
HALIBUT LIVER—10 cs, United Drug Co, Topeka, Bergen
PRESS—19 bbls, 4 tons, Murphy, Littlejohn Oil Co, Inc, Scythia, Liverpool
PERFUMERY—1 cs, American Express Co, Scythia, Liverpool
PITCH—1 dm, Vultex Chemical Co, American Merchant, London
MARINE GLUE—9 dms, 13 crts, L L Ferdinand & Co, American Merchant, London
SHELLAC—45 bgs, Grace Nat Bank, Mathura, Calcutta
BUTTONLAC—50 bgs, Guaranty Trust Co, Mathura, Calcutta
SILICON CARBIDE, SIKA—160 cks, American Abrasive Co, Topeka, Eydehavn
SOAP, TOILET—2 cs, R H Stearns Co, American Merchant, London
1 cs, American Express Co, Scythia, Liverpool
TAPIOCA FLOUR—264 bgs, First Nat Bank, Raby Castle, Pasoeroean
527 bgs, Bank of New York & Trust Co, Raby Castle, Pasoeroean
1,054 bgs, Raby Castle Pasoeroean
500 bgs, Guaranty Trust Co, Raby Castle, Cheribon
1,177 bgs, Balfour, Guthrie & Co, Raby Castle, Pamanoekan
WATER, MINERAL—65 cs, S S Pierce Co, American Merchant, London

Fall River Imports

OIL, FUEL—27,186 bbls, Shell Terminal Corp, Trocas, Curacao

Gloucester Imports

OIL, COD—14 bbls, from Nova Scotia

Houston Imports

CHEMICALS—50 dms, Minden, Bremen
OIL, FUEL—11,995 tons, W H Libby, Nanchital
MINERAL—10 dms, Minden, Hamburg
10 dms, Minden, Bremen
OLIVE—12 dms, 59 cks, 140 bbls, Carlton, Seville
PAPRIKA—100 sks, Carlton, Alicante
QUEBRACHO EXTRACT—350 bgs, Montevideo, Buenos Aires
STEARIN, OLEO—1,814 bgs, Montevideo Buenos Aires
TURMERIC—80 bgs, Youngstown, Antwerp

Los Angeles Imports

AGAR AGAR—800 lbs, Asama, Tokyo
AMMONIA BIFLUORIDE—440 lbs, Weser, Hamburg
PHOSPHATE—161,280 lbs, Kingsley, Trail
SULPHATE—60,480 lbs, Kingsley, Trail
ARSENIC, POWD—5,500 lbs, Weser, Antwerp
BLOOD, DRIED—56,850 lbs, Hauraki, Christchurch
BONE MEAL—200,000 lbs, Golden Horn, Tsingtao
CALCIUM ARSENATED—30,000 lbs, Oregon, Kobe
CHLORIDE—53,000 lbs, Nichiyo, Yokohama
CAMPHOR, REFINED—70 lbs, Asama, Tokyo
CANARY SEED—76,580 lbs, Hoyanger, Buenos Aires
CARAWAY SEED—8,100 lbs, Nebraska, Rotterdam
CARBON TETRACHLORIDE—3,310 lbs, Nichiyo, Yokohama
CHEMICAL COMPOUNDS—120 lbs, Otowasan, Kobe
1,200 lbs, From Yokohama
1,550 lbs, Asama, Yokohama
CHILLIES—5,000 lbs, Thosei, Kobe
CLAY, RAW—117,940 lbs, Weser, Bremen
COALTAR—12,600 lbs, Moveria, Hull
COCONUT, DESIC—9,400 lbs, President Cleveland, Manila
COLORS, CERAMIC—370 lbs, Moveria, Birmingham
VANDYKE BROWN—1,870 lbs, Weser, Hamburg
COPRA MEAL—588,300 lbs, President Coolidge, Manila
217,280 lbs, Nebraska, Hamburg
DRUGS, ADVANCED—190 lbs, President Coolidge, Shanghai
CRUDE—190 lbs, President Coolidge, Shanghai
4,200 lbs, President Coolidge, Hongkong
220 lbs, President Coolidge, Canton
FISH LIVERS—2,700 lbs, Azumasan, Japan
GLASS, PLATE—250 lbs, Knute Nelson, Charleroy
SHEET—7,000 lbs, Weser, Prague
4,960 lbs, Knute Nelson, Brussels
12,700 lbs, Weser, Breslau
GUM, DAMMAR—5,600 lbs, President Coolidge, Singapore
HEMPSEED—113,300 lbs, Gyokoh, Dairen
100,000 lbs, Gyokoh, Dairen
HOPS—550 lbs, Weser, Hamburg
INK—60 lbs, Sonnavind, Kobe
PRINTING—130 lbs, Weser, Berlin
IRON OXIDE—2,850 lbs, Moveria, Manchester
KELP MEAL—60,000 lbs, Tohsei, Tokio
MAGNESIA, CARBONATE—7,000 lbs, Pacific Trader, Newcastle,-Tyne
MATE—1,570 lbs, Emergency Aid, Sao Paulo
MEDICINAL PREP'S—250 lbs, President Coolidge, Canton
40 lbs, Sonnavind, Kobe
OIL, CEDARWOOD—300 lbs, Evanger, Njoro
CHINAWOOD—40,000 lbs, Gyokoh, Shanghai
40,000 lbs, Gyokoh, China
CODLIVER—12,000 lbs, Knute Nelson, Oslo
12,000 lbs, Knute Nelson, Bergen
COTTONSEED—595,170 lbs, President Coolidge, Kobe
447,160 lbs, Nankai, Japan
EUCALYPTUS—800 lbs, Nichiyo, Kobe
MINERAL—90,000 lbs, Weser, Copenhagen
OLIVE—10,220 lbs, President Monroe, Leghorn
34,580 lbs, from Seville
PEANUT—1,926,450 lbs, Golden Horn, Tsingtao
RAPESEED—20,000 lbs, Tohsei, Japan
671,960 lbs, Tohsei, Kobe
TEASEED—293,220 lbs, President Coolidge, Hankow
VEGETABLE—80,000 lbs, Tohsei, Kobe
PAPRIKA—9,360 lbs, from Valencia
PEANUT MEAL—50,000 lbs, Golden Horn, Tsingtao
PEATMOSS—376,320 lbs, Weser, Bremen
226,240 lbs, Knute Nelson, Malmo
POPPYSEED—8,100 lbs, Nebraska, Rotterdam
POTASH, CAUSTIC—550 lbs, Weser, Hamburg
SALTPETER—17,630 lbs, Weser, Hamburg
SARDINE MEAL—100,000 lbs, Tohsei, Tokio
SESAME SEED—20,000 lbs, Asama, Shanghai
SOAP, LAUNDRY—10,000 lbs, Nebraska, Marseilles
TOILET—150 lbs, Keisho, Kobe
130 lbs, from London
SUPERPHOSPHATE—40,320 lbs, Kingsley, Trail
TUNGSTEN, POW'D—8,960 lbs, Moveria, Liverpool
YEAST—310 lbs, Moveria, Birmingham

Mobile Imports

BAUXITE ORE—2,800 tons, Askeladden, Paramaribo
LIME—70 dms, Antinous, Bremen
PEATMOSS—372 bls, Antinous, Bremen
200 bls, Arizpa, Hamburg
SALTCAKE—406,000 kilos, Antinous, Rotterdam
222 tons, Arizpa, Bremen

New Orleans Imports

BAUXITE ORE—2,390 tons, Republic Mining & Mfg Co, Nordvangen, Paramaribo
2,160 tons, Republic Mining & Mfg Co, Karlander, Paramaribo
CHEMICALS—72 cks, Advance Solvents & Chemical Corp, Anhalt, Hamburg
60 cks, San Mateo, Antwerp
CHALK, CRUDE—300 tons, West Coast Kalsomine Co, San Mateo, Antwerp
COCOA BEANS—400 sks, Fruit Dispatch Co, Sixaola, Bocas del Toro
COCONUTS—65 sks, Fruit Dispatch Co, Baja California, Swan Island
MOLASSES—396,393 gls, Commercial Molasses Co, Castana, Vita
1,071,850 gls, American Commercial Alcohol Corp, Castana, Port au Prince
MUSTARD—47 cs, Atlantic Sales Corp, San Mateo, Antwerp
OIL, CREOSOTE—5,960 tons, Kopper Products Co, Vinga, London
OLIVE—55 cs, Ida, Genoa
200 cs, Montello, Genoa
PALM—1,621 tons, Kota Inten, Belawan Deli
WOOD—397 tons, Werner G Smith Co, Tsuyama, Hankow
POTASH CHLORATE—250 cks, Bank of Manhattan, Anhalt, Hamburg
PETROLEUM, CRUDE—67,431 bbls, Pan American Petroleum Corp, Dean Emery, Tampico
SODA, NITRATE—1,339 tons, Chilean Nitrate Sales Corp, Trewyn, Tocopilla
7,894,400 kilos, Chilean Nitrate Sales Corp, Trefusis, Iquique
SALTCAKE—1,000 tons, Bank of Manhattan, San Mateo, Antwerp
TALC—160 sks, C Matthiens, Ida, Genoa
1,000 sks, Ida, Genoa
500 sks, Montello, Genoa
TAPIOCA FLOUR—136 sks, National City Bank, Kota Inten, Sourabaya
WATER, MINERAL—155 cs, San Mateo, Antwerp

Norfolk Imports

COLORS, EARTH—10 bls, 1,147 lbs, Norton & Ellis, Black Osprey, Antwerp
FERTILIZER—1,374 bls, 95,090 lbs, Black Osprey, Antwerp
4 bls, Black Osprey, Antwerp
LEATHER WASTE—277 bgs, 46 bls, Quaker City, Manchester
NITROGENOUS—3,000 bgs, Leerdam, Rotterdam
GUM, INDUSTRIAL—50 cks, 25 bgs, Quaker City, Manchester
MICA SCRAP—1,333 bgs, Clydebank, Calcutta
OIL, PALM—501 tons, Kota Inten, Sourabaya
50 dms, Quaker City, Manchester
RUTILE—150 bgs, Parnahyba, Rio de Janeiro
TAPIOCA, FLOUR—1,610 bgs, National City Bank, Kota Inten, Sourabaya
2,000 bgs, Guaranty Trust Co, Kota Inten, Sourabaya

Philadelphia Imports

ACID, CRESYLIC—20 dms, Capulin, Dundee
36 dms, City of Flint, Liverpool
156 dms, Barrett Co, City of Flint, Liverpool
ASBESTOS, CRUDE—1,067 bgs, Raw Asbestos Distributors, West Cawthon, Beira
BONES, GRANULATED—7,396 bgs, Phila Nat'l Bank, Roland, Rosario
BONE MEAL—3,961 bgs, Phila Nat'l Bank, Roland, Rosario
CANARY SEED—413 d'bgs, Arthur G Dunn, West Selene, Buenos Aires
CASSIA—13 bls, Irving Ross, Noshiro, Canton
200 bls, McCormick & Co, Ward, Hongkong
CHEMICALS—300 bgs, Royal Bank of Canada, Giulia, Venice
CHROME ORE—103 tons, 6 cwt, 2 qtrs, 22 lbs, Phila Nat'l Bank, Charles H Cramp, Lourenco, Marques
2,000 tons, E J Lavino & Co, Charles H Cramp, Beira
7,521 tons, Electro Metallurgical Co, Tredinnick, New Caledonia
COALTAR DISTILLATE—40 dms, Monsanto Chemical Co, City of Flint, Liverpool
CORK, WASTE—6,527 bls, Armstrong Cork Co, Giulia, Djidjelli
1,265 bls, Chase Nat'l Bank, Exmouth, Lisbon
3,274 bls, Armstrong Cork Co, Giulia, Djidjelli
WOOD—3,419 bls, Johnson Turner Trading Co, Exmouth, Casablanca
50 bls, Armstrong Cork Co, Maria, Algiers
468 bls, Armstrong Cork Co, Giulia, Djidjelli
FLUORSPAR—456,880 lbs, Standard Bank, S A, West Cawthon, Durban
GLASS, WINDOW—15 cs, Capulin, Hamburg
GLUE, HIDE GROUND—100 bgs, Giulia, Trieste
GREASE, LUBRICATING—65 cs, Socony Vacuum Oil Co, City of Flint, Liverpool
GUM COPAL—205 bskts, American Cyanamid & Chemical Co, Silvercypress, Macassar
GYPSUM, CRUDE—3,200 tons, U S Gypsum Co, Gypsum Prince, Windsor
IRON OXIDE—20 cks, F B Vandegrift & Co, City of Flint, Liverpool
MINERAL WATER—41 cs, Morris Friedman, Exmouth, Naples
MOLASSES—763,545 gls, Cuba Distilling Co, Cassimir, Santiago
403,201 gls, Cuba Distilling Co, Cassimir Barahona
226,823 gls, Cuba Distilling Co, Cassimir, San Pedro de Macoris
1,427,409 gls, North American Trading & Import Co, Winnetou, Antilla
636,238 gls, Pennsylvania Sugar Co, Alpha, Vita
1,050,000 gls, Pennsylvania Sugar Co, Alpha, Havana
MUSTARD SEED—500 sks, R T French Co, Capulin, London
NAPHTHALENE—2,500 bgs, J W Hampton Jr, & Co, Cliffwood, Gdynia
227 bgs, Barrett Co, City of Flint, Liverpool
OIL, BABASSU, REFINED—140 bbls, Capulin, Hamburg
CHINAWOOD—138 dms, Noshiro, Hongkong
COCOANUT—514.58 tons, Fels & Co, Raby Castle, Manila
COD LIVER—97 dms, J A McCarthy, Topeka, Bergen
15 dms, Allen Forwarding Co, Topeka, Bergen
OLIVE—4 cs, Exmouth, Messina
PERILLA—301,033 tons, W R Grace & Co, Noshiro, Kobe
297,236 tons, Pacific Vegetable Oil Corp, Noshiro, Kobe
PEATMOSS—352 bls, Peat Import Co, Capulin, Bremen
300 bls, Capulin, Hamburg
1,819 bls, Premier Peatmoss Corp, Cliffwood, Copenhagen
210 bls, Premier Peatmoss Corp, Cliffwood, Copenhagen
681 bls, Premier Peatmoss Corp, Scanstates, Copenhagen
PEPPER, BLACK—500 bgs, Irving Trust Co, Silvercypress, Oosthaven
PEPPER, WHITE—81 bgs, Catz American Co, Raby Castle, Batavia
PETROLEUM, CRUDE—115,852 bbls, Gulf Oil Corp, Gulf Wing, Las Piedras
114,453 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
RAPESEED—250 d'bgs, E F Manglesdors & Bros, Hoegh Carrier, Kobe
SAGO—48 bgs, Baby Castle, Singapore
SUGAR BEET PULP—2,240 bgs, Capulin, Hull
TANKAGE—499 bgs, Roland, Buenos Aires
1,348 bgs, Wilson & Co, West Selene, Buenos Aires
896 bgs, Swift & Co, West Selene, Montevideo
TAPIOCA FLOUR—527 bgs, Bank of New York & Trust Co, Raby Castle, Pasoeroean
834 bgs, Stein, Hall & Co, Raby Castle, Cheribon
500 bgs, Raby Castle, Cheribon
1,070 bgs, Balfour, Guthrie & Co, Raby Castle, Pamanoekan
250 bgs, Stein, Hall & Co, Raby Castle, Batavia
500 bgs, Trojan Powder Co, Silvercypress, Batavia
1,216 bgs, Stein, Hall & Co, Silvercypress, Cheribon
TITANIUM ORE—125 bgs, West Selene, Santos
WATTLEBARK—1,299 bls, Tannin Corp, West Cawthon, Mombasa
WOODFLOUR—2,250 bgs, B L Soberski, Topeka, Greaker
ZIRCONIUM ORE, UNPROCESSED—710 bgs, Allen Forwarding Co, West Selene, Santos

Portland, Ore., Imports

COPRA—375 tons, Durkee Famous Foods, Texas, Masbate
1,200 tons, Durkee Famous Foods, Texas, Tacloban
591 tons, Durkee Famous Foods, Texas, Cebu
466 tons, Texas, Zamboanga
909 tons, Durkee Famous Foods, Pleasantville, Cebu
GLASS, WINDOW—10 cs, Gregalia, Liverpool
GUM, COPAL—110 bskts, Hongkong & Shanghai Banking Corp, Silverpalm, Macassar
PARAFFIN—320 sks, Shell Oil Co, Silverpalm, Balikpapan
PEPPER, BLACK—50 sks, Catz & Co, Silverpalm, Oosthaven
TAPIOCA, FLOUR—150 sks, Silverpalm, Cheribon
PEARL—30 sks, Geo S Bush & Co, Silverpalm, Sourabaya
WHITING, BOLTED—210 sks, 27 cks, 30 pkgs, East Asiatic Co, Europa, Copenhagen

San Diego Imports

PEATMOSS—1,000 bls, Peat Import Corp, Oakland, Bremen
610 bls, Wilson & George Meyer & Co, Margaret Johnson, Gothenburg

San Francisco Imports

ACID, CRESYLIC—58 dms, Pacific Ranger, Glasgow (for Oakland)
ALCOHOL—100 dms, Manulani, Honolulu
ALUMINUM LEAF—11 cs, R K Davidson, Oakland, Hamburg
AMMONIA CARBONATE—10 cs, Pacific Ranger, Manchester
ARSENIC—183 bbls, General Chemical Co, Margaret Johnson, Gothenburg
ORE—1,500 sks, American Smelting & Refining Corpn, Sinaloa, La Paz
WHITE—700 cs, Balfour, Guthrie & Co, Koyei, Kobe
BABASSU KERNELS—3,334 sks, Bank of California, N A, West Ivis, Maranhao
3,334 sks, R J Roesling & Co, West Ivis, Maranhao
1,667 sks, S L Jones & Co, West Ivis, Maranhao
BONES, CRUSHED—1,184,983 lbs, Pacific Bone, Coal & Fertilizing Co, West Ivis, Rosario
815,017 lbs, Swift & Co, West Ivis, Montevideo
CALCIUM CITRATE—1 bg, Manukai, Kahului
CANARY SEED—321 sks, National City Bank of N Y, West Ivis, Buenos Aires
CHALK—169 tons, Balfour, Guthrie & Co, Wisconsin, Antwerp (for Oakland)
CHEMICALS—20 csks, S L Abbot, Jr, Co, Oakland, Hamburg
300 kgs, Royal Bank of Canada, Oakland, Hamburg
CHILLIES—100 sks, H M Newhall & Co, Koyei, Kobe
50 sks, American Commerce Co, Tohsei, Kobe
COCOA BEANS—250 sks, H A Phillips & Co, West Ivis, Bahia
700 sks, Vandel Commercial Co, West Ivis, Bahia
136 sks, Burns, Philp Co, Hauraki, Apia
COCONUTS—50 sks, Pacific Coconut Co, Makura, Papeete
COPRA—378 sks, Makura, Rarotonga
FATTY ACID—100 sks, Durkee Famous Foods, Koyei, Kobe
400 sks, Otis, McAllister & Co, Koyei, Yokohama
FILTER COMPOUND—25 bls, A Gusmer, Oakland, Hamburg
GINGER ROOT—80 sks, Pacific Ranger, Manchester
GLASS, PLATE—1 cs, Pacific Ranger, Manchester
WINDOW—325 cs, H Maran, Oakland, Hamburg
HEMPSEED MEAL—1,335 sks, Pacific Vegetable Oil Corpn, Gyokoh, Dairen
2,671 sks, Pacific Vegetable Oil Corpn, Gyokoh, Dairen (optional Los Angeles discharge)
LARD, COMPOUND—45 cs, Otis, McAllister & Co, Koyei, Yokohama
LEMON PEEL—3 cs, President Adams, Genoa
LINSEED MEAL—2,000 sks, Taylor Milling Corpn, Koyei, Kobe
1,000 sks, Wilbur-Ellis Co, Koyei, Kobe
3,000 sks, Balfour, Guthrie & Co, Koyei, Kobe
500 sks, Mitubishi Shoji Kaisha, Koyei, Kobe
1,000 sks, Otto Sales Co, Koyei, Yokohama
MANIOC MEAL—113 sks, Cereal Products Refining Corpn, West Ivis, Bahia
MOLASSES—503 tons, Makua, Honolulu
1,600,000 lbs, Manukai, Honolulu
806 tons, Manoa, Port Allen
NUTMEGS—15 sks, Crocker First National Bank, West Ivis, Port of Spain
OIL, CHINAWOOD—548 dms, East Asiatic Co, Golden Horn, Shanghai
COCONUT—50 dms, Mitsubishi Trading Co, Koyei, Yokohama
COTTONSEED—452 dms, West Ivis, Santos
145 bbls, 1,300 dms, H J Roesling & Co, West Ivis, Pernambuco
500 dms, Durkee Famous Foods, Koyei, Kobe
150 dms, Durkee Famous Foods, Tohsei, Kobe
COTTONSEED, REFD—497 dms, Bunge North American Grain Corpn, West Ivis, Pernambuco
COTTONSEED, SEMI-REFD—309,837 lbs, Pacific Vegetable Oil Corpn, Koyei, Kobe
KAPOKSEED—100 dms, Pacific Vegetable Oil Corpn, Koyei, Kobe
KAPOKSEED, SEMI-REFD—100 dms, Durkee Famous Foods, Koyei, Kobe
OLIVE—1 dm, Chas Guilli, President Adams, Alexandria
PERILLA—200 dms, Pacific Vegetable Oil Corpn, Koyei, Kobe
60 dms, S L Jones & Co, Koyei, Kobe
447,904 lbs, Mitsubishi Shoji Kaisha, Koyei, Kobe
100 dms, Pacific Vegetable Oil Corpn, Tohsei, Kobe
VEGETABLE—20 cs, S Ishimitsu Co, Koyei, Kobe
PAW PAW, CRUDE—2 cs, Parke, Dvais & Co, Hauraki, Apia
PEATMOSS—625 bls, Peat Import Corpn, Oakland, Bremen
400 bls, Peat Import Corpn, Oakland, Bremen (for Oakland)
POTASH CHLORATE—1 cs, Wilson & George Meyer & Co, Margaret Johnson, Stockholm
QUEBRACHO EXTRACT—1,100 sks, International Products Corpn, West Ivis, Buenos Aires
SARDINE MEAL—3,000 sks, Taylor Milling Corpn, Koyei, Yokohama
SILVERSAND—180 tons, Balfour, Guthrie & Co, Wisconsin, Antwerp
900 tons, Balfour, Guthrie & Co, Wisconsin, Antwerp (optional dicsharge Oakland)
SUPERPHOSPHATE, DOUBLE—800 sks, Taylor Milling Corpn, Koyei, Kobe
TALLOW—8 dms, Manukai, Kahului
153 dms, Anglo-California National Bank, Makura, Wellington
69 csks, Makura, Wellington
VEGETABLE—1,500 bbls, East Asiatic Co, Gyokoh, Shanghai
VANILLA BEANS—27 cs, Williams Dimond Co, Makura, Papeete
1 cs, China Pacific Co, Makura, Papeete
WAX, VEGETABLE—10 cs, Pacific Trading Co, Tohsei, Kobe

Seattle Imports

GLUE, MARINE PITCH—10 crts, L F Ferdinand & Co, Delftdijk, London
SODA, NITRATE—1,996 sks, Chilean Nitrate Sales Corp, Condor, Tocopilla
WHITING, BOLTED—1,030 sks, East Asiatic Co, Europa, Copenhagen
LUMP—56 cks, East Asiatic Co, Europa, Copenhagen

Tacoma Imports

TAPIOCA, PEARL—78 sks, F Catz & Co, Silverpalm, Batavia
SEEDS—30 sks, F Catz & Co, Silverpalm, Batavia

Tampa Imports

COCONUTS—6,500 ctns, Beloit, Trujillo
GRAPEFRUIT JUICE—1,000 ctns, Ipswich, Ponce
PEATMOSS—595 bls, Arizpa, Hamburg
SALTPETER—182 bgs, Arizpa, Hamburg
181,400 kilos, Arizpa, Hamburg

Recent Exports from U. S. Ports

New York Exports

ACETONE—2,628 lbs, Hallaren, Gothenburg; 3,504 lbs, Black Osprey, Rotterdam
ACID, CHROMIC—1,210 lbs, Black Gull, Antwerp
MURIATIC—7,735 lbs, Tercero, Antofagasta; 16,506 lbs, Ponce, Ponce
STEARIC—4,435 lbs, Bayard, Para
SULPHURIC—4,400 lbs, City of New York, East London; 1,360 lbs, Calamares, Porto Colombia
ALCOHOL, ISOPROPYL—2,750 gls, Gausdal, Buenos Aires; 3,850 gls, American Banker, London
ALUMINA CHLORIDE CRYSTALS—909 lbs, President Roosevelt
AMMONIA, ANHYD—(City of New York) 13,752 lbs, Capetown; 13,736 lbs, Port Natal; 19,440 lbs, Quirigua, Havana
SULPHATE—81,510 lbs, City of New York, Beira
ASPHALT—17,142 lbs, American Banker, London; (New Orleans) 10,410 lbs, Madras; 160,870 lbs, Calcutta; 119,118 lbs, Cuvallo, Newcastle; 110,274 lbs, Europa, Bremen; 16,275 lbs, Bergensfjord, Oslo
LIQUID—13,080 lbs, American Importer, Liverpool; 25,274 lbs, Bergensfjord, Oslo
SOLID—51,848 lbs, American Importer, Manchester
BAKING POWDER—(Hallaren) 17,250 lbs, Gothenburg; 17,250 lbs, Stockholm
BARBASU MEAL—227,360 lbs, St Louis, Hamburg; 56,840 lbs, Bergensfjord, Oslo; 227,360 lbs, Jean Jadot, Antwerp
BLACK, BONE—6,480 lbs, American Banker, London
BLUE, ULTRAMARINE—3,407 lbs, Western World, Buenos Aires; 5,442 lbs, Yucatan, Vera Cruz; 12,010 lbs, Tricolor, Manila
VITRIOL—17,810 lbs, Antofagasta, Bolivia; 14,278 lbs, Tercero, Antofagasta; 10,494 lbs, Quirigua, Havana
CALCIUM ARSENATE—5,650 lbs, Calamares, La Union
CHLORIDE—50,045 lbs, Munargo, Havana; 15,704 lbs, Quirigua, Havana; 3,725 lbs, Santa Paula, Cartegena; 1,196,812 lbs, Hallaren, Stockholm
CHEMICALS—1,400 lbs, Black Gull, Antwerp; 12,785 lbs, American Banker, London
CHLORINE, LIQUID—45,210 lbs, Chincha, Callao
CLAY—10,177 lbs, Western World, Buenos Aires; 89,600 lbs, Hamburg, Hamburg
COALTAR—3,293 lbs, Munargo, Havana; 5,088 lbs, Tercero; 5,088 lbs, Tercero, Buenaventura
DISTILLATE—7,783 lbs, Tercero, Buenaventura
INTERMEDIATES—3,366 lbs, Yucatan, Vera Cruz
COLOR, DRY—1,594 lbs, Gausdal, Buenos Aires
COPPERAS—64,010 lbs, Gypsum Queen, Bremen
CORN FLOUR—1,412 lbs, Munargo, Havana; 1,502 lbs, Antofagasta, Pacasmayo; (Tricolor) 10,250 lbs, Manila; 23,265 lbs, Cebu; 2,128 lbs, Platano, Porto Barrios; 1,415 lbs, Ponce, Ponce
SUGAR—20,300 lbs, Black Gull, Antwerp; 50,127 lbs, Laganbank, Manila; 1,015 lbs, Ponce, San Juan; 54,540 lbs, Jean Jadot, Antwerp
SYRUP—22,965 lbs, Munargo, Havana; (City of New York) 7,654 lbs, Port Elizabeth; 7,591 lbs, Lourenco, Marques; 7,581 lbs, Tercero, Callao; 18,750 lbs, Oriente, Havana; (Laganbank) 4,050 lbs, Manila; 11,462 lbs, Cebu; 804 lbs, Tricolor, Cebu; 504 lbs, Quirigua, Panama; 2,262 lbs, Platano, Porto Barrios
DENTIFRICES—5,200 lbs, Statendam, Amsterdam
DEXTRIN—5,600 lbs, City of New York, Port Natal

DEXTRIN, CORN—Quantity American Banker, London; 13,680 lbs, Georgic, London
DISINFECTANT—5,069 lbs, Pastores, Porto Colombia; 5,079 lbs, Calamares, Porto Colombia
COALTAR—5,460 lbs, Quirigua, La Libertad
DRUGS—10,500 lbs, Argentino, Buenos Aires
DYES—(Western World) 6,666 lbs, Rio Janigro; 2,581 lbs, Buenos Aires; (Black Gull) 2,189 lbs, Antwerp; 16,348 lbs, Brussels; 3,366 lbs, Laganbank, Manila; (Washington) 6,357 lbs, Hamburg; 5,970 lbs, Havre; 5,662 lbs, Southern Prince, Buenos Aires; 46,610 lbs, New Orleans, Bombay; 5,101 lbs, Statendam, Rotterdam; 2,524 lbs, Calamares, Porto Colombia; 9,629 lbs, Black Osprey, Rotterdam; 1,684 lbs, President Roosevelt, Havre
ETHYL FLUID—8,695 lbs, Gausdal, Buenos Aires
FERTILIZER—1,300,010 lbs, Tricolor, Iloilo
FIRECLAY—17,810 lbs, American Banker, London; (Hallaren) 25,440 lbs, Gothenburg; 25,440 lbs, Malmo
FLOTATION REAGENTS—2,204 lbs, Tercero, Chanaral
GASOLINE—5,000 gls, New Orleans, Sherbro; 10,000 gls, Bayard, Ceara; 1,100 gls, Lara, La Guaira
GLASS PLATE—18,255 lbs, Koenigstein, Antwerp
GLUCOSE—14,826 lbs, American Importer, Manchester; 1,016 lbs, Calamares, Kingston
SOLID—14,200 lbs, Cauto, Tampico; 6,090 lbs, City of New York, Port Natal
GLYCERIN—1,324 lbs, Munargo, Havana
GRAPHITE—59,380 lbs, American Banker, London
GREASE, LUBRICATING—(City of New York) 1,170 lbs, Capetown; 11,698 lbs, Port Elizabeth; 11,679 lbs, East London; 58,562 lbs, Port Natal; 13,925 lbs, Lourenco Marques; 6,715 lbs, Beira; 164,807 lbs, Laconia, Liverpool; 14,284 lbs, Antofagasta, Guayaquil; 96,933 lbs, Hamburg, Hamburg; 952 lbs, Black Gull, Antwerp; 1,404 lbs, New Colombia, Takoradi; 44,610 lbs, Paris, Havre; 2,942 lbs, Washington, Havre; 31,145 lbs, Quirigua, Havana; 6,002 lbs, New Orleans, Bombay; (Cuvallo) 14,020 lbs, Havre; 182,835 lbs, Newcastle; (Hallaren) 7,610 lbs, Gothenburg; 3,287 lbs, Malmo; 4,156 lbs, Helsingfors; 27,370 lbs, Stockholm; (Santa Maria) 6,462 lbs, Callao; 25,246 lbs, Antofagasta; (14,296 lbs, Valparaiso; (American Importer) 60,693 lbs, Liverpool; 59,284 lbs, Manchester; 9,103 lbs, Argentino, Montevideo; (Calamares) 10,956 lbs, Cartegena; 5,520 lbs, Porto Colombia; 13,300 lbs, Buenaventura, Corinto; 928 lbs, Bremen, Bremen; 22,486 lbs, Excalibur, Marseilles; 16,499 lbs, Bergensfjord, Oslo; 12,957 lbs, Jean Jadot, Antwerp; 29,405 lbs, President Roosevelt, Havre; 49,737 lbs, Georgic, London; (Harmodius) 15,050 lbs, Capetown; 12,704 lbs, Fort Elizabeth; 7,205 lbs, East London; 25,250 lbs, Port Natal; 39,275 lbs, Lourenco Marques; 3,600 lbs, Beira
INK, PRINTING—8,323 lbs, Gausdal, Buenos Aires
INSECTICIDE—(City of New York) 4,255 lbs, Lourenco Marques; 28,829 lbs, Capetown
HOUSEHOLD—9,600 lbs, Tricolor, Manila; 6,010 lbs, New Orleans, Karachi; 25,168 lbs, Statendam, Rotterdam; 7,179 lbs, Bergensfjord, Oslo; 5,400 lbs, Georgic, London
LACQUER—1,440 lbs, Western World, Montevideo; 1,045 lbs, Pastores, Cartegena
COLORED—1,116 lbs, Hallaren, Stockholm
PYROXYLIN—2,044 lbs, Hallaren, Helsingborg
THINNER—(Pastores) 990 gls, Cartegena; 1,155 gls, Porto Colombia
LARD—9,700 lbs, Munargo, Nassau; 27,825 lbs, Laconia, Liverpool; 21,150 lbs, Coamo, San Juan; 166,400 lbs, Cuvallo, Hull; 103,395 lbs, St Louis, Hamburg; (Platano) 13,300 lbs, Guantanamo; 36,974 lbs, Santiago; (American Importer) 16,000 lbs, Liverpool; 104,732 lbs, Manchester; 4,013 lbs, Calamares, Santa Marta; 3,350 lbs, Transylvania, Glasgow; 13,875 lbs, Ponce, San Juan; 27,280 lbs, Jean Jadot, Antwerp; 106,875 lbs, President Roosevelt, Havre; 4,151 lbs, Aquitania, Southampton
LEAD ARSENATE—1,106 lbs, Munargo, Havana; 8,927 lbs, Western World, Buenos Aires
BLUE—1,900 lbs, Platano, Porto Barrios
RED—(Pluto) 1,168 lbs, Caibarien; 68,409 lbs, Nuevitas
WHITE—4,637 lbs, Pluto, Caibarien
LINSEED CAKE—563,871 lbs, Laconia, Liverpool; 675,933 lbs, Hamburg, Hamburg; 1,721,812 lbs, Black Gull, Antwerp; 451,258 lbs, Black Osprey, Rotterdam; 1,806,884 lbs, Jean Jadot, Antwerp
LIME, PHOSPHATE—5,278 lbs, City of New York, Capetown
LUBRICANTS—43,790 lbs, Tercero, Arica
MILK POWDER—24,816 lbs, Washington, Havre; 11,680 lbs, American Banker, London; 30,100 lbs, Georgic, London
OIL, BRIGHT STOCK—1,315 tons, Hanseat, London
CASTOR—712 lbs, Coamo, San Juan
COCONUT—1,880 lbs, Quirigua, Limon
CORN—(City of New York) 6,450 lbs, Capetown; 2,275 lbs, Port Elizabeth; 1,859 lbs, East London; 13,305 lbs, Port Natal; 5,345 lbs, Lourenco Marques; 24,148 lbs, San Juan
CYLINDER—336 gls, Statendam, Rotterdam; (Hanseat) 880 tons, London; 25 tons, Rotterdam; 1,785 tons, Hamburg
EDIBLE—(Quirigua) 2,500 lbs, Limon; 1,903 lbs, Corinto; (Platano) 5,672 lbs, Porto Barrios; 9,469 lbs, Retalhen
ESSENTIAL—430 lbs, American Banker, London
FUEL—(Harmodius) 165,000 gls, Capetown, option; 13,750 gls, Lourenco Marques; 19,250 gls, Beira
GAS—(New Colombia) 5,500 gls, Sherbro; 1,100 gls, Keta; 5,500 gls, Lome
LONG BURNING—460 tons, Hanseat, London
LUBRICATING—4,170 gls, Munargo, Havana; (City of New York) 13,975 gls, Port Natal; 29,830 gls, Lourenco Marques; 2,120 gls, Beira; (Santa Isabel) 1,870 gls, Callao; 4,600 gls, Iquique; 1,325 gls, Antofagasta; 2,475 gls, Coquimbo; 12,675 gls, Valparaiso; 2,520 gls, Laconia, Liverpool; 1,386 gls, Lages, Santos; 7,300 gls, Gausdal, Santos; (Western World) 3,402 gls, Rio de Janeiro; 2,785 gls, Montevideo; (Antofagasta) 5,820 gls, Guavaquil; 4,326 gls, Pacasmayo; 1,925 gls, Corral; (Tercero) 1,595 gls, Buenaventura; 3,850 gls, Callao; 5,940 gls, Arica; 3,850 gls, Antofagasta; 13,365 gls, Valparaiso; 5,195 gls, Corral; 2,200 gls, Oriente, Havana; 14,000 gls, Yucatan, Vera Cruz; (Hamburg) 82,380 gls, Hamburg; 1,650 gls, Riga; 12,987 gls, Koenigstein, Antwerp; (Laganbank) 13,750 gls, Manila; 3,850 gls, Hongkong; 6,075 gls, Shanghai; 1,260 gls, Black Gull, Antwerp; (New Colombia) 6,475 gls, Santa Cruz; 1,650 gls, Sassandra; 13,475 gls, Takoradi; 1,725 gls, Lome; 13,065 gls, Lagos; 7,735 gls, Port Harcourt; (Paris) 14,703 gls, Bordeaux; 42,218 gls, Havre; (Washington) 8,475 gls, Havre; 2,898 gls, Prague; 1,375 gls, Tricolor, Shanghai; 1,200 gls, Pastores, Port Prince; 1,430 gls, Quirigua, Buenaventura; (Southern Prince) 4,125 gls, Buenos Aires; 3,025 gls, Montevideo; 1,650 gls, Orizaba, Vera Cruz; 8,190 gls, American Banker, London; (New Orleans) 5,500 gls, Bombay; 11,550 gls, Madras; 28,100 gls, Calcutta; (Cuvallo) 13,100 gls, Hull; 19,026 gls, Newcastle; (Hallaren) 1,705 gls, Gothenburg; 3,410 gls, Stockholm; 6,006 gls, Riga; 3,402 gls, Stockholm; (Statendam) 5,755 gls, Rotterdam; 1,180 gls, Amsterdam; 2,100 gls, St Louis, Hamburg; (Santa Maria) 5,005 gls, Buenaventura; 6,825 gls, Callao; 4,180 gls, Mollendo; 51,690 gls, Valparaiso; 19,020 gls, American Importer, Liverpool; 4,895 gls, Argentino, Montevideo; (Calamares) 1,650 gls, Pimental; 3,300 gls, Pisco; (Lara) 9,570 gls, Porto Cabello; 2,665 gls, Maracaibo; 2,420 gls, Coro; 7,700 gls, La Rosa; 4,895 gls, Buenaventura, Callao; 6,300 gls, Transylvania, Glasgow; (Excalibur) 51,103 gls, Marseilles; 2,940 gls, Tunis; 6,804 gls, Algiers; 20,240 gls, Alexandria; 2,940 gls, Bergensfjord, Oslo; (Ponce) 18,495 gls, San Juan; 3,590 gls, Ponce; (Hanseat) 1,310 tons, London; 385 tons and 24,990 gls, Rotterdam; 1,990 tons and 12,600 gls, Hamburg; 47,196 gls, Georgic, London; (Santa Lucia) 8,765 gls, Valparaiso; 1,925 gls, Talcahuano; 12,600 gls, President Roosevelt, Havre; (Cacique) 3,630 gls, Guayaquil; 2,805 gls, Pisco; (Ile France) 63,714 gls, Havre; 1,452 gls, Dunkirk; (Hamodius) 2,330 gls, Capetown; 3,650 gls, Port Elizabeth; 6,560 gls, East London; 3,810 gls, Port Natal; 43,530 gls, Lourenco Marques; 3,025 gls, Beira
MINERAL—2,750 gls, Cuvallo, Hull; 6,050 gls, Georgic, London
NEATSFOOT—2,457 lbs, Washington, Hamburg
OLEO—48,178 lbs, Black Gull, Antwerp; 23,137 lbs, Hallaren, Stockholm; 47,111 lbs, Statendam, Rotterdam; 106,837 lbs, Georgic, London
PEPPERMINT—613 lbs, Hamburg, Hamburg; 1,157 lbs, Washington, Hamburg; 1,335 lbs, American Importer, Liverpool
PINE—(Tercero) 4,712 lbs, Antofagasta; 2,354 lbs, Valparaiso
RED—4,323 lbs, Bergensfjord, Bergen
SPINDLE—435 tons, Hanseat, London
VALVE—50 tons, Hanseat, London
PAINT—164,340 lbs, City of New York, Port Elizabeth; (Western World) 13,134 lbs, Montevideo; 11,978 lbs, Buenos Aires; 1,260 lbs, Black Gull, Antwerp; 26,084 lbs, Tricolor, Manila; (Pastores) 18,880 lbs, Porto Colombia; 2,682 lbs, Cartegena; 12,035 lbs, American Banker, London; 12,465 lbs, Hallaren, Stockholm; 11,662 lbs, Steel Inventor, Honolulu; 4,975 lbs, Buenaventura, Panama; 2,379 lbs, Argentino, Buenos Aires
PASTE—1,886 lbs, Hallaren, Stockholm
PREPARED—(Calamares) 2,354 lbs, Santa Marta; 11,171 lbs, Porto Armuelles; 4,060 lbs, San Jose
PRIMER—17,060 lbs, City of New York, Port Elizabeth
THINNER — 4,950 gls, Gausdal, Buenos Aires; 1,000 gls, Western World, Montevideo; 1,320 gls, Southern Prince, Santos; 33,000 gls, Harmodius, Port Natal
PALM MEAL—226,240 lbs, Black Gull, Antwerp
PARAFFIN — 5,137 lbs, Gausdal, Santos; 227,062 lbs, Antofagasta, Pacasmayo; (Tercero) 168,961 lbs, Buenaventura; 33,829 lbs, Guayaquil; 33,244 lbs, Pimentel; 33,231 lbs, Callao; 124,335 lbs, Mollendo; 65,861 lbs, Valparaiso; 87,676 lbs, Hamburg, Hamburg; 111,222 lbs, Konigstein, Antwerp; (Quirigua) 22,244 lbs, Limon; 20,201 lbs, Havana; 11,122 lbs, Statendam, Amsterdam; (St Louis) 22,200 lbs, Hamburg; 22,200 lbs, Susak; (Platano) 20,200 lbs, Retalheu; 11,190 lbs, Porto Barrios; 30,024 lbs, Santa Maria, Callao; 30,110 lbs, Santa Paula, Porto Colombia; (Calamares) 19,760 lbs, Cartegena; 6,508 lbs, Porto Colombia; (Lara) 38,062 lbs, Maracaibo; 113,065 lbs, La Guayra; 45,210 lbs, Excalibur, Alexandria; 2,224 lbs, Bergensfjord, Bergen; (Cacique) 22,310 lbs, La Libertad; 45,204 lbs, Tumaco
REFINED—22,380 lbs, Santa Maria, Puntarenas; 22,322 lbs, Santa Maria, Puntarenas
SCALE — 50,162 lbs, Tricolor, Shanghai; 15,070 lbs, Statendam, Amsterdam; 73,106 lbs, Transylvania, Glasgow
PETROLATUM—(City of New York) 6,300 lbs, Beira; 10,970 lbs, East London; 14,022 lbs, Lourenco, Marques; 13,836 lbs, President Roosevelt, Havre; (Harmodius) 99,070 lbs, Port Natal; 9,022 lbs, Lourenco Marques; 25,240 lbs, Beira
MEDICINAL—140,565 lbs, Georgic, London
PETROLEUM, REFINED—(New Colombia) 2,500 gls, Dakar; 5,500 gls, Sherbro; 5,000 gls, Sassandra; 1,000 gls, Port Bouet; 11,000 gls, Saltpond; 20,000 gls, Accra; 12,000 gls, Keta; 20,500 gls, Lome; 500 gls, Port Harcourt; 17,000 gls, Degama; 10,200 gls, Calabar; 3,500 gls, Duala; 16,500 gls, Coamo, Ciudad; (Lara) 2,800 gls, Curacao; 1,000 gls, Aruba; (Ponce) 12,000 gls, Porto Plata; 25,000 gls, Ponce
RESIN—4,395 lbs, Western World, Rio de Janeiro
COALTAR—10,360 lbs, President Roosevelt, Havre
SOLUTION—5,082 lbs, Western World, Rio de Janeiro
SYNTHETIC—3,250 lbs, Washington, Hamburg; 43,463 lbs, American Importer, Liverpool; 5,124 lbs, President Roosevelt, Havre
ROOTS—1,147 lbs, Queen Mary, Southampton
ROSIN—22,348 lbs, American Banker, London; 12,320 lbs, Bayard, Iquitos
SENEGA ROOT—1,235 lbs, Hamburg, Hamburg
SOAP — 26,412 lbs, Munargo, Nassau; (Steel Inventor) 18,200 lbs, Honolulu; 13,138 lbs, Hilo; (Ponce) 5,600 lbs, San Juan; 20,125 lbs, Mayaguez
LAUNDRY—51,720 lbs, Laganbank, Manila; 60,000 lbs, Tricolor, Manila; (Ponce) 7,475 lbs, Ponce; 7,161 lbs, Mayaguez
SCOURING—23,500 lbs, President Roosevelt, Havre
TOILET—4,749 lbs, Gausdal, Buenos Aires
SODA ASH—(City of New York) 22,270 lbs, Capetown; 9,850 lbs, Port Elizabeth; 48,325 lbs, Port Natal; 86,400 lbs, Lages, Rio de Janeiro; 21,650 lbs, American Banker, London; (New Orleans) 113,010 lbs, Karachi; 271,215 lbs, Calcutta; 3,240 lbs, Calamares, La Union
BICARBONATE — 6,087 lbs, Munargo, Havana; 50,760 lbs, City of New York, Capetown; 45,023 lbs, Western World, Rio de Janeiro; (Tercero) 3,291 lbs, Buenaventura; 15,864 lbs, Guayaquil; 10,650 lbs, Quirigua, Havana
CAUSTIC—(City of New York) 6,287 lbs, Capetown; 13,942 lbs, Port Natal; (Gausdal) 24,613 lbs, Santos; 460,800 lbs, Buenos Aires; 299,060 lbs, Yucatan, Vera Cruz; 700,000 lbs, Pan Bolivar, Aruba; 14,400 lbs, Pastores, Cristobal; (Coamo) 14,370 lbs, Trujillo; 7,249 lbs, Ciudad; 3,590 lbs, Oradell, Santiago; (New Orleans) 55,475 lbs, Karachi; 112,124 lbs, Calcutta; 14,218 lbs, Bayard, Ceara; 230,400 lbs, Argentino, Buenos Aires; (Calamares) 5,900 lbs, Porto Colombia; 14,360 lbs, La Union; (Santa Lucia) 96,510 lbs, Valparaiso; 64,085 lbs, Talcahuano
CHLORAMINE—7,724 lb, City of New York, Port Natal
HYDROSULPHITE — 7,980 lbs, Gausdal, Buenos Aires
NAPHTHIONATE — 1,779 lbs, Gausdal, Santos
SODA, PHOSPHATE—40,000 lbs, Cuvallo, Hull; 4,080 bbls, Calamares, Porto Colombia
SILICATE—83,157 lbs, Munargo, Havana; 50,820 lbs, Pluto, Nuevitas; 3,508 lbs, Oradell, Santiago; 4,072 lbs, Platano, Porto Barrios
SULPHITE—2,180 lbs, American Importer, Liverpool
STARCH, CORN — 4,650 lbs, Laganbank, Manila; 5,000 lbs, Oradell, Santiago; 840 lbs, Pan Bolivar, Aruba; (Cuvallo) 142,000 lbs, Hull; 7,050 lbs, Newcastle; 14,150 lbs, American Importer, Liverpool; 3,300 lbs, Buenaventura, Port Prince; 1,156 lbs, Ponce, San Juan
SUMAC LEAVES—1,160 lbs, Washington, Havre
TALC—44,800 lbs, Laconia, Liverpool; 33,600 lbs, Cuvallo, Newcaste; 89,600 bs, American Importer, Liverpool
TALLOW—24,395 lbs, Coamo, Ciudad
INDELIBLE—80,811 lbs, Black Gull, Antwerp
TANNING EXTRACT—2,548 bs, Western World, Buenos Aires
MATERIAL—29,814 lbs, Gausdal, Buenos Aires
TIMBO ROOT—3,727 lbs, American Banker, London
TOBACCO EXTRACT—40,568 lbs, Europa, Bremen
TOLUOL—14,190 gls, Argentino, Rio Janeiro
TURPENTINE—3,025 gls, Antofagasta, Tocopilla; 1,100 gls, Cacique, Talara; (Harmodius) 200 gls, Capetown; 1,350 gls, Port Natal
VARNISH—2,270 lbs, Hallaren, Stockholm
WITCH HAZEL EXTRACT—9,819 lbs, President Roosevelt, Havre
ZINC DUST—8,872 lbs, New Orleans, Takoradi
OXIDE—4,822 lbs, Pluto, Nuevitas; 4,240 lbs, American Banker, London
STEARATE — 1,254 lbs, Gausdal, Buenos Aires

Clearance Dates

American Banker, May 28; American Importer, June 5; Antofagasta, June 5; Aquitania, June 14; Argentino, May 27; Bayard, June 9; Berengaria, May 28; Bergensfjord, June 8; Black Gull, June 5; Black Osprey, June 10; Bremen, June 13; Buenaventura, May 26; Cacique, May 29; Calamares, June 6; Cauto, May 29; Chincha, May 29; City of New York, May 29; Coamo, June 4; Columbia, June 9; Europa, June 5; Excalibur, June 8; Gausdal, May 26; Georgic, June 12; Gypsum Queen, June 12; Hallaren, June 8; Hamburg, June 3; Hanseat, June 10; Harmodius, June 10; Humber Arm, May 28; Ile France, June 10; Jean Jadot, June 10; Konigstein, June 5; Laconia, June 5; Laganbank, June 6; Lages, June 5; Lara, June 3; Munargo, May 29; New Colombia, May 29; New Orleans, June 5; Oradell, June 4; Oriente, May 22; 29; Orizaba, May 28; Pan Bolivar, June 6; Paris, June 4; Platano, June 5; Pluto, June 5; Ponce, June 5; President Roosevelt, June 9; Queen Mary, June 4; Santa Isabel, May 29; Santa Lucia, June 5; Santa Maria, May 22; Santa Paula, June 6; Southern Prince, May 29; St Louis, June 5; Statendam, June 3; Steel Inventor, June 3; Tercero, May 29; Transylvania, June 5; Tricolor, May 29; Washington, June 2; Western World, June 5; Yucatan, May 21

Baltimore Exports

ACID, CHROMIC—11,200 lbs, Cold Harbor, Manchester
ALCOHOL, BUTYL—22,320 lbs , Mahronda, London
AMYL ACETATE—3,152 lbs, West Calumb, Buenos Aires
ASPHALT, SOLID—954 lbs, Minnequa, Gdynia; 343 tons, Cold Harbor, Liverpool
CHEMICALS—9 lbs, San Clemente, Panama
GLASS FILLER, CRS'HD—105 lbs, Cold Harbor, Manchester.
FRIT, CRS'HD—25,000 lbs, Cold Harbor, Manchester; 40,000 lbs, Mahronda, London
LIQUID, CRS'HD—1,410 lbs, City of Newport News, London; 2,115 lbs, Cold Harbor, Manchester
GREASE, LUBRICATING—64,558 lbs, Kwansai, Osaka
LINSEED MEAL—50 tons, Cold Harbor, Belfast
OIL, LUBRICATING—20 tons, Sydfold, Maracaibo; 6,246 lbs, Kwansai, Osaka
PARAFFIN—44,936 lbs, Cold Harbor, Manchester
STARCH—60,480 lbs, City of Newport News, London
TELLURIUM, POWD — 221 lbs, Kwansai, Yokohama
TITANIUM LITHOPONE—12,000 lbs, City of Newport News, London
VARNISH—12 lbs, City of Newport News, Paris

Clearance Dates

City of Newport News, June 4; Cold Harbor, June 6; Kwansai, June 8; Mahronda, June 8; Minnequa, June 3; San Clemente, June 11; West Calumb, June 8

Beaumont Exports

BLACK, CARBON—(West Harshaw) 60 cs, Glasgow; 28 tons, Avonmouth; 28 tons, Avonmouth/Bristo
OIL, BATCHING—14,764 bbls, Siantar, Calcutta
LUBRICATING—1,000 dms, Minden, Hamburg
SOAPSTOCK, COTTONSEED—400 bbls, West Harshaw, Glasgow
SULPHUR—6 tons, West Harshaw, Belfast

Clearance Dater

Minden, June 1; Siantar, June 3; West Harshaw, May 28

Boston Exports

ACID, SULPHURIC — 10 crbys, 1,480 lbs, Abangarez, Havana
ALUMINA OXIDE—12 kegs, 1 bx, 3,985 lbs, Artigas, London
SULPHATE—50 bgs, 10,000 lbs, Abangarez, Havana; (Yarmouth) 220 bgs, 22,000 lbs, Aylesford; 70 bgs, 10,000 lbs, Kentville
ANIMAL DIP—125 dms, 6,875 gls, to Philippines
ASBESTOS FIBER — 1,820 bgs, Kwansai, Japan
BAKING POWDER—50 bxs, 10 crts, 300 lbs, to Newfoundland
BLUE, LAUNDRY—1 cs, 60 lbs, Yarmouth, Halifax
BRISTLES—12 cs, 1,533 lbs, Saint John, St John
CELERY SALT—2 kegs, 200 lbs, Yarmouth, Halifax
CEMENT, CAN—13 dms, 4,021 lbs, to Japan
RUBBER—2 dms, 57 gls, to Newfoundland; 2 bbls, 606 lbs, Abangarez, Kingston
SHOE—1 cs, 72 lbs, Abangarez, Panama
CHEMICALS—1 bx, 20 lbs, Artigas, London; 2 dms, 6 bbls, 1,671 lbs, Vulcania, Naples
CLEANER, WHITE—1 cs, 32 lbs, Artigas, London
COALTAR—30 dms, 1,650 gls, Abangarez, Havana
INTERMEDIATES—17 bbls, 3,830 lbs, to Japan
COLOR, DRY—113 bgs, 5,060 lbs, Vulcania, Naples; 2 bbls, 800 lbs, to Newfoundland
SYNTHETIC—8 bbls, 485 lbs, Vulcania, Naples
COPPERAS — 300 bgs, 30,000 lbs, Yarmouth, Kentville
COTTONSEED MEAL—400 bgs, 40,300 lbs, Saint John, St John, N B
DEXTRIN — 25 bgs, 2,500 lbs, Abangarez, Havana
DRESSING, LEATHER—3 bbls, 150 gls, Abangarez, Havana; 3 kegs, 10 cans, 25 bbls, 14,450 lbs, Laconia, Leicester
SHOE — 3 cs, 255 lbs, to Philippines; (Abangarez) 30 cs, Havana; 3 cs, 45 lbs, Kingston
FELDSPAR—362 bgs, 39,800 lbs, Beemsterdijk, Rotterdam
FERTILIZER—350 bgs, 53,251 lbs, Beemsterdijk, Amsterdam
GELATIN—2 bbls, 499 lbs, Artigas, London
GLUE, FISH—10 dms, 100 gls, Artigas, Hamburg
GREASE, LUBRICATING—1 keg, 112 lbs, Yarmouth, Yarmouth; 6 crtns, 360 lbs, Laconia, Coventry
SOAP—5 dms, 12 bbls, 7,015 lbs, Abangarez, Havana
GUM, INDUSTRIAL — 6 bbls, 2,818 lbs, Abangarez, Havana
LABEL—4 dms, 656 lbs, Artigas, London
INK, MARKING—1 cs, Abangarez, Havana
PRINTING—2 bbls, 12 cs, 124 kits, 4,063 lbs, Abangarez, Havana; 1 cs, 200 lbs, Artigas, London
WRITING — 13 cs, 560 bxs, 1,137 lbs, to China; 127 crtns, 6 bxs, 1,653 lbs, to Hawaii; 15 crtns, 584 lbs, Abangarez, Havana
KEROSENE—100 dms, 4,600 gls, to Newfoundland
LINING COMP—5 dms, 1 bx, 2,010 lbs, Artigas, London
MEDICINAL PREP'S—400 bxs, 2,000 gls, Artigas, London; 2 cs, 132 lbs, Lady Hawkins, Hamilton
MOLASSES—75 bbls, 4,125 gls, Beemsterdijk, Rotterdam
OIL, CASTOR, SULPHONATED—5 bbls, 2,200 lbs, Vulcania, Naples
CUTTING—1 dm, 30 gls, Laconia, Leicester
LUBRICATING—4 cs, 9 gls, to Hawaii; 5 dms, 264 gls, Yarmouth, Yarmouth; 29 bbls, 5 dms, Saint John, St John
TRANSFORMER—2 bxs, 6 gls, to Hawaii
PAINT—8 cs, 44 gls, to Newfoundland; 9 bxs, 50 gls, to Hawaii
ASPH ENT—4 bxs, 20 gls, to Hawaii; 16 bxs, 96 gls, to Philippines
COPPER—10 cs, 100 gls, Abangarez, Kingston
PASTE—6 crtns, 60 lbs, to Newfoundland
ADHESIVE—1 keg, 92 lbs, to Newfoundland; 40 cans, 2,040 lbs, Artigas, London
STATIONERS'—4 crtns, 44 lbs, to Hawaii
PEANUTS—4 bgs, 372 lbs, Yarmouth, Lunenburg
PITCH, PINE—1 cs, to Newfoundland
POLISH, SHOE—3 cs, 243 lbs, Abangarez, Panama; 4 bxs, 154 lbs, Yarmouth, Halifax
SILVER—7 crtns, 21 gls, Yarmouth, Halifax; 8 crtns, 120 lbs, to Newfoundland
PYRETHRUM FLOWERS, POW'D—4 dms, 100 lbs, Yarmouth, Halifax
SILICON CARBIDE—3 kegs, 514 lbs, Artigas, London
SOAP POWDER—110 cs, 3,877 lbs, to Hawaii
TAR—110 cs, 2,750 lbs, to Hawaii
TOILET—125 cs, 3,046 lbs, to Hawaii; 100 cs, 2,437 lbs, Abangarez, Havana
SODA PHOSPHATE, TRI—4 bbls, 1,300 lbs, Yarmouth, Yarmouth
SOLDER FLUX—22 dms, 2,970 lbs, to Japan; 115 dms, 15,450 lbs, Artigas, London
SULPHUR FLOUR—800 bgs, 80,000 lbs, Yarmouth, Aylesford
TALC—1 bg, 200 lbs, Abangarez, Havana
TANKAGE—7 cs, 2,586 lbs, Exeter, Naples
TITANIUM PIGMENT—10 bbls, 3,141 lbs, to Newfoundland
DIOXIDE—3 bbls, 1,200 lbs, to Newfoundland
TURPENTINE, GUM—15 dms, 5,880 lbs, Yarmouth, Halifax; 3 dms, 165 gls, to Nova Scotia; 10 dms, 3,920 lbs, Saint John, St John
VARNISH—11 cs, 62 gls, to Newfoundland
WASHING POWDER—20 bbls, 17,446 lbs, to Philippines
WAX, SHOE—1 crtn, 1 bbl, 175 lbs, to Newfoundland; 1 bbl, 125 lbs, Yarmouth, Yarmouth

Clearance Dates

Abangarez, June 9; Artigas, June 6; Beemsterdijk, June 8; Exeter, June 8; Laconia, June 6; Lady Hawkins, June 6; Saint John, June 4, 11; Vulcania, June 7; Yarmouth, May 27, June 1, 3, 5, 10, 12

Corpus Christi Exports

OIL, GAS—11,454 bbls, Nuolja, Hamburg
PETROLEUM, CRUDE—110,111 bbls, Henri Desprez, ————; 36,704 bbls, Superga, Italy

Clearance Dates

Henri Desprez, June 4; Nuolja, June 4; Superga, June 8

Galveston Exports

BLACK, CARBON—700 cs, Minden, Hamburg
MOLYBDENITE—25 tons, Minden, Hamburg
PETROLEUM, CRUDE—64,000 bbls, Ferm, Italy
POTASH—1,000 tons, Genevieve Lykes, San Juan
SULPHUR—4,400 tons, Bilderdijk, Rotterdam; (Uddeholm) 200 tons, Gothenburg; 200 tons, Stockholm

Clearance Dates

Bilderdijk, June 3; Ferm, June 9; Genevieve Lykes, June 9; Minden, June 9; Uddeholm, June 8

Houston Exports

BLACK, CARBON—(Tortugas) 50 cs, Oslo; 50 cs, Copenhagen; 296 cs, Gdynia; (Bilderdijk) 54 tons, London; 35 tons, Antwerp; 7 tons, Ghent; 100 tons, Nevada, Havre; (Magician) 500 bgs, Liverpool; 333 cs, Manchester; 25,969 bgs, Liverpool/Manchester; (Minden) 40 tons, Bremen; 30 tons, Hamburg; 50 cs, Montevideo, Kobe/Yokohama/Osaka; (Montreal) 10 tons, Yokohama; 14 tons, Kobe; 3 tons, Shanghai; 2 tons, Yokohama/Kobe/Osaka; (Taketoyo) 300 bgs, 20 cs, Osaka; 100 bgs, Yokohama/Osaka/Kobe
BUTANE—1,280 tons, Megara, Rouen
GASOLINE—10,350 tons, Cities Service Missouri, Montreal; 70,000 bbls, Papoose, Montreal; 6,500 tons, Athene, Ghent
OIL, GAS—9,220 tons, Abadan, Hamburg
LUBRICATING—50 bbls, Bilderdijk, Rotterdam; 65 bbls, Nevada, Dunkirk; (Ossag) 1,550 tons, London; 1,250 tons, Hamburg; 130 dms, Montreal, Osaka; (Taketoyo) 100 dms, Yokohama; 70 dms, Kobe
PETROLEUM, CRUDE—11,800 tons, Magdala, Montreal
POTASH MURIATE—7,000 bgs, Montevideo, Yokohama/Kobe/Osaka/Moji; 700 tons, Taketoyo, Yokohama/Osaka/Kobe/Moji

Clearance Dates

Abadan, June 8; Athene, June 7; Bilderdijk, June 5; Cities Service Missouri, June 3; Magdala, June 6; Magician, June 6; Megara, June 3; Minden, June 8; Montevideo, June 8; Montreal, June 9; Nevada, June 5; Ossag, June 6; Papoose, June 4; Taketoyo, June 9; Tortugas, June 3

Lake Charles Exports

OIL, PINE—321 gls, Counsellor, Manchester
ROSIN—100 bbls, West Harshaw, Bristol; 104 bbls, Cranford, Rotterdam

Clearance Dates

Counsellor, May 30; Cranford, May 27; West Harshaw, May 27

Los Angeles Exports

ACID, BORIC—8 bgs, 900 lbs, Mariposa, Hobart; 200 bgs, 22,400 lbs, Heranger, Rotterdam; (Cape York) 200 bgs, 22,400 lbs, London; 600 bgs, 67,200 lbs, Newcastle; (Knoxville City) 1,000 bgs, 112,000 lbs, London; 1,400 bgs, 157,800 lbs, Liverpool; (Golden State) 10 bgs, 1,120 lbs, Sydney; 5 bgs, 560 lbs, Melbourne; (Mariposa) 70 bgs, 7,840 lbs, Melbourne; 50 pkgs, 6,720 lbs, Auckland; 280 bgs, 31,360 lbs, Sydney; 100 bgs, 11,200 lbs, Rio Janeiro, Osaka
ASPHALT, CRUDE—11,960 lbs, Mariposa, Melbourne
BLACK, CARBON—61,250 lbs, Mariposa, Melbourne
BLEACHING POWDER—220 lbs, Santa Rosa, Guatemala
BORATE—608 sks, 97,230 lbs, Koyei, Osaka; (Knoxville City) 1,019 bgs, 110,280 lbs, London; 2,274 lbs, 469,850 lbs, Liverpool; 13,338 sks, 2,042,010 lbs, Portland, Hamburg; (Abraham Lincoln) 9,224 bgs, 1,598,450 lbs, London; 576 bgs, 106,600 lbs, Gdynia; 5,640 bgs, 982,300 lbs, Portland, Hamburg
BORAX—(Mariposa) 12 bgs, 1,340 lbs, Hobart; 300 bgs, 33,600 lbs, Melbourne; 1,200 bgs, 134,400 lbs, Heranger, Rotterdam; (Koyei) 1,995 sks, 219,950 lbs, Osaka; 907 sks, 100,000 lbs, Yokohama; (Cape York) 6,260 bgs, 754,560 lbs, London; 2,000 bgs, 225,000 lbs, Newcastle; 240 bgs, 33,600 lbs, Knoxville City, Liverpool; (Golden State) 50 bgs, 5,600 lbs, Sydney; (Mariposa) 290 bgs, 32,480 lbs, Melbourne; 5 bgs, 560 lbs, Auckland; 623 pkgs, 280 bgs, 78,620 lbs, Sydney; 4,400 bgs, 492,800 lbs, Abraham Lincoln, Liverpool; 400 bgs, 44,800 lbs, Osaka; 1,600 bgs, 179,200 lbs, Asama, Osaka
CLAY, FILTER—40 sks, 4,480 lbs, Mariposa, Auckland
GROUND—410 bgs, 41,000 lbs, Asama, Yokohama; 145 dms, 44,370 lbs, Pacific Enterprise, London
COLOR, DRY (Mariposa) 400 lbs, Melbourne; 350 lbs, Melbourne; 25,000 lbs, President Adams, Manila
COTTONSEED—2,000 lbs, Santa Rosa, La Libertad
GASOLINE—71,999 bbls, 187,917,740 lbs, Magnolia, Dairen-Tsingtao-Shanghai
GYPSUM—4,368 bgs, 436,800 lbs, Mariposa, Auckland
INFUSORIAL EARTH—20 bgs, 2,240 lbs, Heranger, Amsterdam; 44 bgs, 4,400 lbs, Portland, Antwerp; 488 bgs, 49,280 lbs, Abraham Lincoln, Liverpool; 400 bgs, 40,000 lbs, Asama, Manila; (Pacific Enterprise) 66 bgs, 5,040 lbs, London; 66 bgs, 5,040 lbs, London; 11 bgs, 1,130 lbs, Liverpool; 44 bgs, 4,400 lbs, Manchester; 500 bgs, 56,000 lbs, Glasgow
KEROSENE—(West Nilus) 4,000 cs, 340,000 lbs, Pernambuco; 4,000 cs, 340,000 lbs, Cabedello; 38,147 bbls, 10,871,900 lbs, Magnolia, Dairen-Tsingtao-Shanghai; 25 dms, 215 cs, 27,120 lbs, Golden Star, Auckland; (Golden State) 550 cs, 100 dms, 82,660 lbs, Wellington; 200 cs, 17,000 lbs, Sydney
DISTILLATE—68,166 bbls, 19,427,310 lbs, Etrena, Curacao
LACQUER—(President Adams) 1,990 lbs, Izmir; 3,300 lbs, Karachi
CLEAR—1,380 lbs, President Pierce, Shanghai
COLORED—380 lbs, President Pierce, Shanghai; 940 lbs, Muncaster Castle, Manila
THINNER—220 lbs, Mariposa, Suva; 1,180 lbs, Muncaster Castle, Manila; 2,900 lbs, President Adams, Izmir
LARD—(West Nilus) 22,820 lbs, San Juan; 18,500 lbs, Ponce; 19,650 lbs, Mayaguez
MINERAL SPTS—100 dms, 31,240 lbs, West Nilus, Buenos Aires
OIL, COTTONSEED—40,000 lbs, President Pierce, Yokohama
DIESEL—5,273 bbls, 1,645,180 lbs, Tohsei, Osaka; 8,891 lbs, 2,773,990 lbs, Nanman, Moji; 81,884 bbls, 25,547,810 lbs, Nore, Nagasaki; 51,002 bbls, 15,912,620 lbs, Fujisan, Japan
FUEL—(Ulysses) 41,307 bbls, 13,735,230 lbs, Hondogua; 25,659 bbls, 8,544,450 lbs, Manila; 33,912 bbls, 11,292,700 lbs, Fujisan, Japan; 17,588 bbls, 5,856,800 lbs, Santa Maria, Vancouver
FUEL RESIDUE—7,091 bbls, 2,361,300 lbs, Rochelle, Vancouver
LEMON—600 lbs, Mariposa, Melbourne; 2,160 lbs, Heranger, Havre; 4,500 lbs, Abraham Lincoln, London
LUBRICATING—10 dms, 5,040 lbs, Mariposa, Sydney
MOTOR—3 dms, 1,940 lbs, Mariposa, Suva; 7 dms, 3,490 lbs, President Adams, Singapore
ORANGE—2,500 lbs, Portland, Hamburg; 210 lbs, Mariposa, Auckland
SALAD—8,000 lbs, President Adams, Manila
PAINT, PREPARED—19,250 lbs, Muncaster Castle, Manila
PECTIN, CITROUS—400 lbs, Mariposa, Melbourne
PETROLEUM, CRUDE—250 dms, 98,280 lbs, Golden State, Melbourne; 10,047 bbls, 3,134,550 lbs, Texada, Vancouver; 2,407 bbls, 750,980 lbs, Rochelle, Vancouver; 67,734 bbls, 21,133,010 lbs, Santa Maria, Ioco
POTASH CARBONATE—200 lbs, Santa Rosa, Guatemala
MURIATE—(Asama) 9,000 bgs, 1,984,140 lbs, Yokohama; 300 bgs, 66,140 lbs, Kobe
RESIN, SYNTH—7,500 lbs, President Adams, Manila
SCOURING COMP—(President Pierce) 4,240 lbs, Shanghai; 5,650 lbs, Hongkong; 5,250 lbs, Talamanca, Cristobal
SODA ASH—(Golden State) 260 bgs, 49,280 lbs, Auckland; 118 bgs, 22,400 lbs, Wellington; (West Nilus) 1,800 bgs, 198,410 lbs, Santos; 1,200 bgs, 132,280 lbs, Rio de Janeiro; 118 bgs, 22,420 lbs, Mariposa, Sydney
PHOSPHATE, TRI—(Mariposa) 37 pkgs, 10,650 lbs, Bluff; 2,280 lbs, Auckland
SULPHITE—8,000 lbs, Mariposa, Sydney
TALC—100 bgs, 11,280 lbs, West Nilus, Santos
TOILET PREPS—(President Pierce) 490 lbs, Manila; 800 lbs, Dairen; 750 lbs, Mariposa, Auckland
WITCH HAZEL EXTRACT—330 lbs, Mariposa, Melbourne

Clearance Dates

Abraham Lincoln, May 28; Asama, June 1; Cape York, May 29; Etrema, June 8; Fujisan, June 8; Golden State, June 1; Heranger, May 26; Knoxville City, May 25; Koyei, May 29; Magnolia, June 4; Mariposa, May 27; Muncaster Castle, May 30; Navemar, June 1; Nore, June 5; Pacific Enterprise, May 29; Portland, May 25; President Adams, June 1; President Pierce, May 22; Rio de Janeiro, June 1; Rochelle, May 29; Santa Maria, June 5; Santa Rosa, May 30; Talamanca, June 2; Texada, May 28; Tohsei, June 4; Ulysses, June 3; West Nilus, May 29

Mobile Exports

ASPHALT—210 bgs, Yaka, Manchester; 105 bgs, Maiden Creek, London
CLAY—224 bgs, Yaka, Glasgow
FIRECLAY—84 crts, Delmar, Buenos Aires
LARD—100 tcs, Yaka, Glasgow; 2,000 bxs, Maiden Creek, London
MEDICINAL PREP'S—11 cs, Dalvangen, Maracaibo
OCHER—(Yaka) 448 bgs, Manchester; 825 bgs, Bremen
OIL, PINE—25 dms, Chemnitz, Hamburg; 80 dms, Yaka, Manchester
PINETAR—(Sorvangen) 1 cs, Kingston; 15 dms, Georgetown
ROSIN—(Dalvangen) 20 dms, Puerto Cabello; 20 dms, La Guaira; 800 dms, Delnorte, Buenos Aires; 3 dms, Sorvangen, Kingston; 468 bbls, 28 dms, Kellerwald, Hamburg; 200 bbls, Heroy, London; 562 bbls, Chemnitz, Hamburg; 478 bbls, Monstella, Genoa; 50 bbls, West Kyska, Liverpool; (Yaka) 350 bbls, Glasgow; 250 bbls, Bremen; 250 bbls, Maiden Creek, London
SCOURING COMP—20 ctns, Dalvangen, Maracaibo
SOAP—60 cs, Sorvangen, Port of Spain

Clearance Dates

Chemnitz, May 8; Dalvangen, June 4; Delmar, May 11; Delnorte, June 6; Heroy, May 7; Kellerwald, April 27; Maiden Creek, May 31; Monstella, May 16; Sorvangen, June 8; West Kyska, May 31; Yaka, May 31

New Orleans Exports

ASPHALT—1 ton, City of Omaha, Bremen-Hamburg; 25 tons, Nishmaha, London
BLACK CARBON—50 cs, Montevideo, Yokohama; 10 cs, Santa Marta, Brisbane; (Gand), 98 tons, Havre; 14 tons, Antwerp; (City of Omaha), 32 tons, Gdynia; 74 tons, Hamburg; 52 tons, Bremen-Hamburg; (Nishmaha), 65 tons, London; 79 tons, Hull
CLAY—26 tons, Nishmaha, London
GROUND—(Nishmaha) 27 tons, London; 27 tons, Hull
FIRECLAY—163 pkgs, Montevideo, Yokohama; 1 ton, Santa Marta, Puerto Colombia; 6 tons, City of Omaha, Hamburg
GASOLINE—65 dms, Baja California, Bluefields
GREASE, LUBRICATING—1 dm, Santa Marta, Manta
KEROSENE—300 cs, Lindvangen, Pointe a Pitre; 300 cs, Santa Marta, Puerto Limon; 20 cs, Baja California, Bluefields; 50 dms, 300 cs, Tivives, Puerto Barrios
LARD—(Santa Marta) 280 dms, 10 crts, Havana; 50 tins, Panama
OIL, COTTONSEED—30 dms, Montevideo, Kobe
FUEL—50 dms, Tivives, Tela
LUBRICATING—(Montevideo) 330 dms, Yokohama; 163 dms, Osaka; 16 dms, 10 cs, Santa Marta, Manta; (Gand), 129 tons, Havre; 39 tons, Dunkirk; 15 tons, Antwerp; 115 tons, Nishmaha, London
PARAFFIN—49 tons, Gand, Antwerp
Limon
PARAFFIN—49 tons, Antwerp
SCALE—27 tons, Nishmaha, London
PETROLEUM—24 tons, Gand, Dunkirk; (City of Omaha) 57 tons, Hamburg; 5 tons, Bremen/Hamburg
PINETAR—18 dms, Kota Inten, Batavia; 15 dms, Lindvangen, Georgetown
PRESERVER, WOOD—24 dms, Santa Marta, Panama
ROSIN—(Santa Marta) 10 dms, Puerto Limon; 20 dms, Callao
GUM—(Santa Marta) 10 bbls, Panama; 75 sx, Puerto Colombia
SALT—7 tons, Baja California, Bluefields; 2 tons, Tivives, Puerto Barrios
SOAP—210 ctns, Baja California, Bluefields
SODA—225 csks, 20 bbls, Lindvangen, Bridgetown
ALUMINATE—1 ton, Nishmaha, London
SOYBEAN MEAL—225 tons, Maine, Oslo
TALLOW—10 dms, Tivives, Puerto Cortez
TURPENTINE—20 cs, Kota Inten, Singapore; 100 cs, Santa Marta, Valparaiso
WOOD—65 dms, Santa Marta, Havana
WAX, MINERAL—3 sx, Sahale, Barcelona; 3 tons, Gand, Havre
PETROLEUM—1 ton, Gand, Havre

Clearance Dates

Baja California, March 20; April 17; Birte, May 29; City of Omaha, June 2; Gand, June 2; Kota Inten, June 9; Lindvangen, May 23; Maine, June 1; Montevideo, June 12; Nishmaha, June 1; Sahale, June 9; Santa Marta, April 17; Tivives, April 20

Norfolk Exports

COALTAR—1 bbl, Doris Hamlin, Cape Haitien
COHOSH ROOT, BLACK—6 bls, 1,291 lbs, City of Baltimore, Hamburg
CORN SUGAR—600 bgs, 60,600 lbs, City of Baltimore, London
DRUGS—1 bl, 12 bgs, 1,231 lbs, City of Baltimore, London
FERTILIZER—120 bgs, 12,000 lbs, Frank Seaman, Roseau
GAS, HYDROGEN COMP—10 cyls, 1,700 lbs, Frank Seaman, St Thomas
INSECTICIDE, AGRIC—40 dms, 4,720 lbs, Leerdam, Rotterdam
MEDICINAL PREPS—40 pkgs, City of Baltimore, London
MICA, PULV—(City of Newport News) 50 bgs, 5,050 lbs, Havre; 100 bgs, 10,100 lbs, London; 100 bgs, 10,100 lbs, Black Osprey, Antwerp; 50 bgs, 5,050 lbs, City of Baltimore, London
OIL, CEDARWOOD—1 pkg, 75 lbs, City of Baltimore, Hamburg
POTASH MURIATE—650 bgs, 146,575 lbs, Frank Seaman, Bridgetown
SODA, NITRATE—1,000 tons, Black Osprey, Rotterdam; 20 bgs, 4,040 lbs, Frank Seaman, Roseau
SOYBEAN MEAL—220 bgs, 22,000 lbs, Frank Seaman, Bridgetown
STARCH, CORN—230 bgs, 31,750 lbs, City of Baltimore, London
SULPHUR, FLOTATION—(Gypsum Empress) 100 bbls, Port Williams; 25 bbs, Kentville
TANNING EXTRACT—1 bx, 48 lbs, City of Baltimore, Hamburg
LIQUID—25 bbls, 14,901 lbs, City of Newport News, London
POWDERED—224 bgs, 33,600 lbs, City of Newport News, London
WILD CHERRY BARK—12 bls, 3,287 lbs, City of Baltimore, London

Clearance Dates

Black Osprey, June 5; City of Baltimore, June 12; City of Newport News, June 5; Doris Hamlin, June 8; Frank Seaman, June 8; Gypsum Empress, June 10; Leerdam, June 8

Philadelphia Exports

ALUMINA, SULPHATE—30 bgs, San Clemente, Cristobal
AMMONIA, ANHYD—30 cyls, City of Auckland, Karachi
ANTI-KNOCK COMP—63 dms, Estrella, Marseilles
BENZOL—60 dms, Thode Fagelund, Buenos Aires
BLACK, CARBON—20 dms, 4 bgs, Kwansai, Osaka
CHEMICALS—10 bbls, Mahronda, London
BOILER CLEANING—(City of Auckland) 7 bbls, Rangoon; 5 bbls, Calcutta
CLEANING COMP—3 cs, City of Auckland, Ambala
COCOA BUTTER—40 cs, Kwansai, Yokohama
COLORS, COALTAR—(Estrella) 7 dms, Leixoes; 4 dms, 2 pls, Barcelona
DYEWOOD EXTRACT—8 bbls, Mahronda, London
ETHYL FLUID—245 dms, Mahronda, London; 5 dms, Exmouth, Algiers
FERRITES—32 bbls, Thode Fagelund, Buenos Aires
FIRECLAY—28 sks, Marin Sanudo, Naples
FIRE EXTINGUISHER COMP—4 dms, San Clemente, Mazatlan
GASOLINE—15 cs, Thode Fagelund, Asuncion; (New Texas) 9,500 cs, Dakar; 2,050 cs, Takoradi; 3,050 cs, Port Bouet; 500 cs, Kribi; 5,050 cs, 25 dms, Lagos; 500 cs, Winnebah; 500 cs, Duala; 2,000 cs, Port Gentil; 1,500 cs, Accra; 1,050 cs, Freetown
GREASE, LUBRICATING—20 cs, 16 ¼ dms, San Clemente, Guayaquil; (New Texas) 35 cs, Port Bouet; 5 dms, 1 pkg, Lagos; 51 bbls, Estrella, Vigo
INSECTICIDE, AGRIC—(City of Auckland) 239 pkgs, Tel Aviv; 2 cs, Singapore; 2 cs, Penang; 1 cs, Port Swettenham
IRON OXIDE—10 bbls, Estrella, Marseilles
LICORICE MASS—180 cs, Mahronda, London
MANGANESE ORE, CONCE—627 bgs, Mahronda, London
MEDICINAL PREP'S—27 pkgs, 5 cs, City of Auckland, Bombay
OIL, COD—2 bbls, Frankenwald, Hamburg
ENGINE—130 bbls, Mahronda, London; 50 dms, Kwansai, Osaka; 205 dms, City of Auckland, Calcutta
FUEL—(New Texas) 25 dms, Takoradi; 50 dms, Libreville; 100 dms, Accra
ILLUMINATING—(New Texas) 1,500 cs, Dakar; 550 cs, Takoradi; 50 cs, Port Bouet; 250 cs, Libreville; 500 cs, Kribi; 50 cs, Lagos; 500 cs, Duala; 350 cs, Port Gentil; 500 cs, Accra; 1,000 cs, Freetown
LUBRICATING—182 dms, 77 pkgs, Mahronda, London; (Thode Fagelund) 907 pkgs, Rio de Janeiro; 158 pkgs, Paranagua; 20 dms, 20 cs, Montevideo; 85 pkgs, 100 dms, Buenos Aires; (Clan Ross) 420 pkgs, East London; 500 pkgs, Durban; 11,736 pkgs, Lourenco Marques; 200 pkgs, Beira; 93 pkgs, Marin Sanudo, Genoa; (Frankenwald) 132 bbls, 340 pkgs, Hamburg; 59 pkgs, Almas Fuzite; 290 pkgs, Guirgiu; 173 pkgs, Prague; (Navemar) 50 bbls, 170 pkgs, Bilbao; 65 bbls, Malaga; 50 bbls, 579 pkgs, Barcelona; 197 pkgs, Valencia; 100 pkgs, Seville; 90 pkgs, Madrid; 40 pkgs, Gijon; (Kwansai) 100 dms, Osaka; 7 pkgs, Kobe; 101 pkgs, Yokohama; 100 pkgs, Moji; 875 pkgs, Dairen; (San Clemente) 80 dms, 40 cs, Panama; 3 dms, Guayaquil; 20 cs, Valparaiso; 20 cs, Chanaral; (New Texas) 50 dms, 400 cs, Dakar; 90 pkgs, Takoradi; 95 cs, 15 dms, Port Bouet; 10 cs, 185 pkgs, Libreville; 115 dms, 80 cs, 45 pkgs, Lagos; 25 pkgs, Winnebah; 6 cs, 270 pkgs, Port Gentil; 50 dms, 105 pkgs, Accra; 30 pkgs, Freetown; 13 pkgs, Belgian Congo; 159 pkgs, French Congo; (Estrella) 279 bbls, 30 hf-bbls, 78 dms, Vigo; 56 bbls, 227 pkgs, 32 dms, Lisbon; 109 pkgs, Leixoes; 363 pkgs, Casablanca; 45 bbls, Valencia; 215 bbls, 1 cs, Barcelona; 123 pkgs, 1,095 bbls, Marseilles; (Montreal City) 40 bbls, Bristol; 96 bbls, Cardiff; (Exmouth) 10 dms, Tangier; 70 bbls, Oran; 7 dms, Algiers; (City of Auckland) 4 cs, Ambala; 146 dms, 265 bbls, 2,725 pkgs, Bombay; 10 dms, 229 pkgs, Calcutta; 97 pkgs, Port Said; 30 pkgs, Basra; 170 pkgs, Madras; 217 pkgs, Karachi; 44 pkgs, Colombo
NEATSFOOT—1 bbl, Frankenwald, Hamburg
PARAFFIN—254 bgs, Thode Fagelund, Buenos Aires; 762 bgs, Navemar, Casablanca; (Kwansai) 209 bbls, Tientsin; 1 bx, Osaka; 762 bgs, Estrella, Casablanca; 758 bbls, Montreal City, Bristol; 762 bgs, Exmouth, Casablanca
POLISH, AUTO—(City of Auckland) 1 cs, Singapore; 3 cs, Penang; 2 cs, Port Swettenham
POMACE, APPLE—982 bgs, Montreal City, Bristol
RESIN, COALTAR—5 dms, Mahronda, London
SAND, FILTER—50 bgs, Mahronda, London; 64 bgs, Kwansai, Kobe; 800 bgs, Estrella, Casablanca; 253 bgs, Montreal City, Wolverhampton
SILICA—200 bgs, Mahronda, London
SOAP, LAUNDRY—800 bxs, Mahronda, London; 300 bxs, Montreal City, Bristol
TANNING EXTRACT—3 bxs, Frankenwald, Hamburg
TETRONE—1 bx, Montreal City, Birmingham
VARNISH—1 dm, Kwansai, Osaka

Clearance Dates

City of Auckland, June 11; Clan Ross, June 8; Estrella, June 8; Exmouth, June 10; Frankenwald, June 9; Kwansai, June 6; Mahronda, June 6; Marin Sanudo, June 8; Montreal City, June 9; Navemar, June 9; New Texas, June 8; San Clemente, June 6; Thode Fagelund, June 8

San Francisco Exports

ABRASIVE PAPER—9 rolls, President Pierce, Manila
ACID, FATTY—(Santa Rosa) 240 sks, San Jose de Guatemala; 400 sks, Puerto Colombia; 100 sks, Panama City; (Talamanca) 100 sks, Bolivia; 100 sks, Panama City
SALICYLIC—(Saparoea) 10 cs, Batavia; 6 cs, Sourabaya; 2 cs, Samarang; (President Pierce) 20 cs, Shanghai; 12 cs, Hongkong
ALCOHOL, BUTYL, SECONDARY—13 dms, Rialto, Austria
ALKALI, TANNERS—4 bbls, Sinaloa, La Paz
AMYL ACETATE, SECONDARY—3 dms, Rialto, Austria
ASPHALT—(Saparoea) 300 dms, Port Swettenham; 1,514 dms, Calcutta; 5 dms, Rangoon; 861 dms, Sourabaya; 961 dms, Singapore; 1,543 dms, Batavia; 2,660 dms, Batavia-Samarang - Sourabaya - Cheribon; 20 dms, President Pierce, Manila
CRUDE—435 sks, Rialto, Spain
GRITS—80 sks, Saparoea, Calcutta; 797 sks, San Francisco, France
BAKING POWDER—4 cs, Santa Rosa, Puerto Colombia; 5 cs, Saparoea, Manila; (President Pierce) 3 cs, Tsingtao; 4 cs, Tokyo; 2 cs, Chipana, San Jose de Costa Rica; 3 cs, Sinaloa, La Paz; 20 cs, Asama, Kobe
BENZENE—4 dms, Rochelle, Vancouver
BIOLOGICALS—6 pkgs, Ruth Alexander, Regina
BLACK, CARBON—10 cs, Saparoea, Sourabaya
BLEACHING POWDER—2 cs, President Pierce, Shanghai; 3 dms, Santa Rosa, La Libertad
BLUE, LAUNDRY—5 cs, Saparoea, Manila; 15 cs, President Pierce, Manila
BONE FLOUR—600 sks, Rochelle, Vancouver
BORAX—3 cs, Saparoea, Manila; 10 sks, President Pierce, Manila
CALCIMINE—(Santa Rosa) 3 cs, San Jose de Guatemala; 40 kgs, Manzanillo
CARAWAY SEED—1 bg, Saparoea, Manila
CARBON BISULPHIDE—(Sinaloa) 2 dms, Hermosillo; 30 dms, Sinaloa, Mazatlan
CEMENT, LIQ—56 dms, Rochelle, Vancouver
CHALK—4 cs, Rochelle, Vancouver
CHEMICALS—10 dms, President Pierce, Shanghai; 4 cs, 2 bbls, Sinaloa, Mazatlan; 5 kgs, Santa Rosa, San Jose de Guatemala; 1 cs, Chipana, Callao
CHORAL HYDRATE—2 cs, President Pierce, Manila
CHLORINE BLEACH, LIQ—2 cs, President Pierce, Hongkong
CINNAMON—(Santa Rosa) 6 bls, San Jose de Guatemala; 30 bls, La Libertad; 10 bls, Mazatlan; 1 bl, Saparoea, Iloilo; 11 bls, Sinaloa, Guaymas
CLEANING FLUID—1 cs, Chipana, San Jose de Costa Rica
CLEANSER, HOUSEHOLD—9 cs, Santa Rosa, Puerto Colombia; 5 cs, President Pierce, Hongkong; 1 cs, Sinaloa, Guaymas
CLOVES—1 bl, Santa Rosa, San Jose de Guatemala; 6 bls, Santa Rosa, Puerto Colombia
COCOA BEANS—6 sks, Santa Rosa, Mazatlan
COCONUT—4 cs, President Pierce, Tsingtao
COLOR, DRY—1 bbl, Santa Rosa, San Jose de Guatemala; 25 bbls, President Pierce, Manila; 2 bbls, Chipana, Manzanillo
COUMARIN—1 cs, President Pierce, Manila
DENTRIFICE—1 cs, Sinaloa, Manzanillo
DEODORANT TABLETS—3 cs, Rochelle, Vancouver
DEPRESSANT REAGENT—1 dm, Chipana, Callao
DISINFECTANT—4 cs, Santa Rosa, Puerto Colombia
COALTAR—1 dm, Sinaloa, Acapulco
DRESSING, SHOE—(President Pierce) 1 cs, Manila; 2 cs, Tokyo; 1 cs, Hongkong
DYESTUFFS—5 dms, President Pierce, Kobe; 48 dms, 2 cs, 1 bbl, Chipana, Manzanillo
ENAMEL—10 pls, Chipana, Mexico
EPSOM SALT—400 sks, Sinaloa, La Paz
ETHER, PETROLEUM—1 dm, Chipana, San Jose de Costa Rica
FILTER PAPER—2 cs, President Pierce, Manila
FIRECLAY—50 dms, Saparoea, Manila
FLUX, SOLDER—1 cs, Sinaloa, La Paz
FULLERS EARTH—2,500 sks, Chipana, Talara
GLASS, PLATE—1 cs, President Pierce, Tientsin
WINDOW—5 cs, President Pierce, Manila
GLUCOSE—20 bbls, Golden State, New Zealand
GLUE—6 cs, Rochelle, Vancouver
SIZE—1 cs, Talamanca, Guayaquil
GRAPHITE—1 cs, Sinaloa, Guaymas
PASTE—1 cs, Asama, Yokohama
GREASE, LUBRICATING—15 dms, 5 cs, Saparoea, Rangoon; 2 bbls, President Pierce, Hongkong; 44 dms, 58 cs, Rochelle, Shellburn; 10 dms, Asama, Yokohama; 80 cs, Talamanca, Balboa
GUM, COPAL—6 bsks, Rochelle, Vancouver
GYPSUM, CALCINED—40 sks, President Pierce, Manila
HEMPSEED—1 bg, Santa Rosa, Guantemala City
HEPTANE—3 cs, Asama, Yokohama
HYDROGEN, PEROXIDE—12 cs, Golden State, New Zealand
INK—1 cs, Santa Rosa, Guatemala
PRINTING—10 kits, 6 cs, Saparoea, Batavia; 1 cs, Ruth Alexander, James Island
INSECTICIDE, LIQUID—4 dms, 1 cs, Rochelle, Vancouver
HOUSEHOLD—3 cs, Saparoea, Calcutta
POWDERED—2 bbls, Rochelle, Vancouver; 26 cs, President Pierce, Shanghai
KEROSENE—99,700 bbls, John Knudsen, Hongkong
LACQUER—2 cs, Santa Rosa, San Jose de Guatemala; 2 cs, Asama, Hongkong
THINNER—1 cs, Sinaloa, Guaymas
LARD—(Santa Rosa) 1,100 tins, Guayaquil; 200 tins, Buenaventura
COMPOUND—45 cs, Talamanca, La Paz
SUBSTITUTE—10 cs, President Pierce, Shanghai; 500 tins, Santa Rosa, Guayaquil; 1 tin, Talamanca, Cristobal
LEAD, RED, DRY—400 kegs, President Pierce, Manila
WHITE—400 kegs, President Pierce, Manila
WHITE, DRY—10 bbls, President Pierce, Manila
TETRA ETHYL COMPOUND—1 dm, Rochelle, Shellburn
LEMON PEEL—1 cs, Santa Rosa, Camaguay
LYE—5 cs, President Pierce, Shanghai; 11 cs, Sinaloa, Guaymas
MEDICINAL PREPS—(President Pierce) 1 cs, Manila; 1 cs, Tokyo; 1 cs, Bangkok; (San Fancisco) 2 cs, Curacao; 2 pkgs, Georgetown; 2 cs, Kingston; 12 cs, Talamanca, Havana
METHYL ETHYL KETONE—62 dms, Golden State, Australia; 62 dms, Rialto, Austria; 62 dms, San Francisco, France
SALICYLATE—2 dms, President Pierce, Hongkong
MILK POWDER—4 cs, Santa Rosa, Puerto Colombia
MILLET SEED—2 bgs, Santa Rosa, Guatemala City
NUTMEGS—2 sks, Santa Rosa, Puerto Colombia; 1 cs, Saparoea, Iloilo
OAK EXTRACT—15 sks, Rochelle, Vancouver
OIL—1 cs, Santa Rosa, Panama; 1 cs, President Pierce, Tientsin
COCONUT—5 dms, Santa Rosa, San Jose de Guatemala; (Chipana) 5 dms, San Jose de Costa Rica; 100 dms, Puntarenas; 10 dms, Rochelle, Vancouver
COTTONSEED—20 dms, Rochelle, Vancouver
DIESEL—5,000 bbls, J A Moffett, Mazatlan; 35,070 bbls, San Diego, Japan
ENGINE—65 dms, Saparoea, Calcutta
FISH, HARD—(Santa Rosa) 110 sks, San Jose de Guatemala; 200 bls, Panama; 200 sks, Talamanca, Puerto Colombia
FLOOR—2 cs, Talamanca, Guayaquil
FUEL—5 cs, Saparoea, Manila; 3,281 bbls, San Diego, Japan; 56,394 bbls, Frank G Drum, China
LUBRICATING—3,356 bbls, John Knudsen, Hongkong; (Santa Rosa) 1 cs, Puerto Colombia; 4 dms, Balboa; 6 dms, Mazatlan; (Saparoea) 319 dms, 5 cs, Rangoon; 2,100 dms, 2,100 bbls, Calcutta; 50 dms, Singapore; 50 dms, Penang; 10 cs, 20 dms, Samarang; 15 dms, 5 cs, Palenbang; 10 dms, Sibolgo; 100 dms, Medan; 45 dms, Sourabaya; 185 dms, 5 cs, Batavia; (President Pierce) 1 cs, Manila; 25 bbls, Hongkong; 5 bbls, Shanghai; 103 dms, Rochelle, Shellburn; (Asama) 2 cs, 55 dms, Yokohama; 210 dms, Osaka; 15 bbls, San Francisco, France; 2 dms, Talamanca, Puerto Armuelles
NEATSFOOT—1 cs, Sinaloa, Guaymas
PALM—2 dms, Santa Rosa, La Libertad
SALAD—(President Pierce) 108 cs, Hongkong; 5 cs, Dairen
TANNERS—1 dm, Sinaloa, Guaymas
TRANSFORMER—3 cs, Santa Rosa, Mazatlan
VEGETABLE—152 cs, President Pierce, Manila
ORANGE PEEL—1 cs, Santa Rosa, Camaguay
OXYGEN—15 cyls, Chiriqui, Puerto Armuelles
PAINT—(Santa Rosa) 2 dms, 9 cs, 17 kegs, San Jose de Guatemala; 1 pl, Mexico; 7 cs, La Libertad; 1 cs, Mazatlan; 3 cs, 12 dms, Saparoea, Calcutta; 11 kegs, 78 cs, 95 pls, 10 dms, President Pierce, Manila; (Chipana) 21 cs, 40 pls, San Jose de Costa

PAINT (Continued):—
Rica; 1 dm, 11 pls, Mexico; 17 cs, Talamanca, Guayaquil
COPPER—2 cs, Sinaloa, La Paz
PASTE—1 cs, Santa Rosa, La Libertad; 6 cs, President Pierce, Shanghai
PREPARED—(President Pierce) 1 cs, Shanghai; 260 pls, Manila
THINNER—10 dms, Saparoea, Singapore
PECTIN, FRUIT—1 cs, Asama, Yokohama
PEPPER—4 sks, Santa Rosa, Puerto Colombia
BLACK—5 sks, Sinaloa, Guaymas
PETROLATUM—6 dms, Santa Rosa, Mazatlan; 50 dms, President Pierce, Kobe
PETROLEUM, CRUDE — 45,000 bbls, San Diego, Japan
PHENOL—1 cs, President Pierce, Shanghai
PITCH—1 bbl, Santa Rosa, San Jose de Guatemala
POLISH, FURNITURE—5 cs, Saparoea, Calcutta
METAL—30 cs, Keisho, Japan; 2 cs, Chipana, San Jose de Costa Rica
SHOE—20 cs, Saparoea, Iloilo
POLISHING MATERIAL—3 cs, Asama, Kobe
POTASH, AMYL XANTHATE—1 dm, Chipana, Callao
ETHYL XANTHATE—80 dms, Rialto, Elisabethville
XANTHATE—54 dms, Rialto, Xero; 80 dms, Talamanca, Callao
PUTTY—1 cs, Santa Rosa, San Jose de Guatemala; 3 cs, President Pierce, Manila
RAPESEED—2 sks, Santa Rosa, Guatemala City
SALT—2 bls, Santa Rosa, San Jose de Guatemala; (Saparoea) 20 cs, Batavia; 5 cs, Manila; 20 cs, President Pierce, Manila; 5 cs, Sinaloa, Guaymas; 400 sks, Rochelle, Vancouver
SHELLAC—1 cs, Sinaloa, Guaymas
ORANGE—1 sk, Santa Rosa, San Jose de Guatemala
SILVER NITRATE — 1 cs, Santa Rosa, Mazatlan
SOAP—(President Pierce) 2 cs, Hongkong; 1 cs, Manila; 1 pkg, Sinaloa, Guaymas
FLAKE—9 cs, President Pierce, Hongkong
LAUNDRY—2 cs, Santa Rosa, Guatemala City; 1 dm, President Pierce, Shanghai
LIQUID—3 dms, Rochelle, Vancouver
POWDER—(President Pierce) 2 cs, Hongkong; 2 bbls, Shanghai
TOILET—2 cs, President Pierce, Manila
SODA—(President Pierce) 2 kegs, Manila; 30 cs, 15 bbls, Shanghai; 20 cs, Hongkong
ASH—5 sks, Santa Rosa, La Libertad; 1 bbl, Chipana, San Jose de Costa Rica
BICARBONATE — (Sinaloa) 1 cs, 1 keg, Guaymas; 5 kegs, Sinaloa, La Paz
CAUSTIC—62 dms, 65 cs, Sinaloa, Acapulco; 60 dms, Sinaloa, Mazatlan
COMPOUND—1 bbl, President Pierce, Shanghai
ETHYL XANTHATE—10 cs, Rialto, Mombasa
PHOSPHATE, TRI—5 cs, President Pierce, Philippine Islands
SOLVENT—(Saparoea) 1 cs, Calcutta; 10 pls, Rangoon
DRAIN PIPE—24 cs, Rochelle, Vancouver
2 cs, President Pierce, Hongkong
PETROLEUM—30 dms, Rochelle, Shellburn
SPEARMINT—2 bls, 2 sks, Rochelle, Vancouver
STARCH—7 bbls, President Pierce, Hongkong
SULPHUR—10 sks, President Pierce, Manila; 4 sks, Sinaloa, Acapulco
DIOXIDE — (Talamanca) 2 cyls, Balboa; 2 cyls, Callao
SUNFLOWER SEED—3 sks, President Pierce, Manila
TALC—22 sks, Rochelle, Vancouver
TALLOW—(Santa Rosa) 30 dms, San Jose de Guatemala; 45 dms, Cartagena; 25 dms, Havana; 250 dms, Asama, Yokohama; 50 dms, Talamanca, Panama City
TAPIOCA—(Santa Rosa) 1 bg, San Jose de Guatemala; 5 sks, Mazatlan; 1 bg, Puerto Colombia; 1 bg, Sinaloa, Guaymas
THYME—43 sks, Golden State, Australia
TOILET PREP'S—1 cs, Santa Rosa, La Libertad; 2 cs, Saparoea, Manila; (President Pierce) 23 cs, Bangkok; 7 cs, Manila; 1 cs, Chipana, San Jose de Costa Rica
TURPENTINE—1 cs, Sinaloa, La Paz
VANILLA BEANS—1 cs, Rochelle, Vancouver; 15 cs, Schwaben, Hamburg
EXTRACT—(Saparoea) 2 cs, Manila; 2 cs, Iloilo; 4 cs, President Pierce, Shanghai; 1 cs, San Francisco, Curacao
VARNISH—1 dm, 4 cs, President Pierce, Tokio; 1 cs, Sinaloa, Guaymas
REMOVER—10 cs, President Pierce, Shanghai
WASHING COMP—3 bbls, President Pierce, Hongkong
WAX—1 cs, Talamanca, Guayaquil; 5 cs, President Pierce, Manila
FLOOR, LIQ—1 dm, Rochelle, Vancouver
WOOD FILLER — 1 cs, President Pierce, Shanghai
YEAST—2 cs, Chiriqui, Puerto Armuelles; (President Pierce) 17 pkgs, Manila; 140 cs, Kobe; 100 cs, Yokohama
ZINC DUST—50 pls, Saparoea, Manila; 50 cs, Chipana, Pisco; 10 cs, Rialto, West Africa; 25 cs, Talamanca, Ciudad Bolivar
HYDROSULPHITE—165 dms, Sinaloa, Manzanillo

Clearance Dates

Asama, June 2; Chipana, May 29; Chiriqui, May 28; Frank G Drum, June 1; Golden State, May 28; J A Moffett, May 29; John Knudsen, May 28; Keisho, May 29; President Pierce, May 29; Rialto, June 1; Rochelle, June 1; Ruth Alexander, June 2; San Diego, May 31; San Francisco, June 4; Santa Rosa, May 29; Saparoea, May 29; Schwaben, June 2; Sinaloa, June 1; Talamanca, June 4

Savannah Exports

CLAY—300 bgs, Tulsa, London
COTTON LINTERS—40 bls, Monrosa, Genoa
FULLER'S EARTH — 3,640 bgs, Monrosa, Batoum
GLUCOSE—59 bbls, Clytoneus, Iloilo
OIL, PINE—(Port Darwin) 13 dms, Sydney; 4 dms, Melbourne
ROSIN, GUM—(Port Darwin) 270 bbls, Brisbane; 1,120 bbls, Sydney; 790 bbls, Melbourne; 130 bbls, Adelaide; 170 bbls, Fremantle; (Rydboholm) 224 bbls, Oslo; 165 bbls, Gothenburg; 75 bbls, Copenhagen; 300 bbls, Wiborg; (Clytoneus) 597 bbls, Manila; 438 bbls, Shanghai; (Monrosa) 1,270 bbls, Genoa; 44 bbls, Leghorn; 60 bbls, Naples; (Tulsa) 2,325 bbls, London; 100 bbls, Hull; 1,455 bbls, Hull; 13 dms, Steel Inventor, Shanghai
SIZE DRY—(Rydboholm) 224 bgs, Helsingfors; 1,568 bgs, Gothenburg
WOOD—(Port Darwin) 85 bbls, Sydney; 15 bbls, Melbourne; (Clytoneus) 50 dms, Hongkong; 50 dms, Shanghai
TURPENTINE, GUM—(Port Darwin) 525 cs, 80 dms, Brisbane; 1,475 cs, 458 dms, Sydney; 805 cs, 94 dms, Melbourne; 65 cs, 179 dms, Adelaide; 375 cs, Fremantle; 21 dms, 50 cs, Perth; (Rydboholm) 60 dms, Oslo; 65 bbls, Copenhagen; 200 bbls, Gdynia; 20 dms, Memel; 60 dms, Gothenburg; 10 dms, Clytoneus, Manila; 362 bbls, Monrosa, Genoa; (Tulsa) 625 bbls, London; 208 bbls, Antwerp
WOOD—(Port Darwin) 200 pkgs, 20 dms, Brisbane; 700 pkgs, 50 dms, Sydney; 550 pkgs, 114 dms, Melbourne; 80 cs, 202 dms, Adelaide; 50 pkgs, Fremantle

Clearance Dates

Clytoneus, June 8; Monrosa, June 9; Port Darwin, June 11; Rydboholm, June 8; Steel Inventor, June 13; Tulsa, June 8

Tampa Exports

AMMONIA GAS—1 dm, Goldfield, Matanzas
GASOLINE—1 dm, Beloit, Belize
INSECTICIDE, AGRIC—15 dms, Lindvangen, Kingston
PHOSPHATE—2,240 tons, Toronto, Stettin; 6,744 tons, Griesheim, Rotterdam; 4,181 tons, Anhalt, Rotterdam; 3,150 tons, Wacosta, Rotterdam
SOAP—23 cs, Goldfield, Matanzas
LAUNDRY—46 cs, Fairland, San Juan

Clearance Dates

Anhalt, June 5; Beloit, June 8; Fairland, June 2; Goldfield, June 2; Griesheim, June 3; Lindvangen, May 29; Toronto, June 2; Wacosta, June 6

Shipments Between Domestic Ports

Corpus Christi Coast Trade

OIL, FUEL—61,348 bbls, W L Steed, Baytown
PETROLEUM, CRUDE—49,676 bbls, Thermo, Houston; 33,458 bbls, Federal, Houston; 96,373 bbls, F W Abrams, Baytown; 109,175 bbls, J A Moffett Jr, Baytown; 76,939 bbls, Geo H Jones, Baytown; 75,946 bbls, Atlantic Sun, Baytown; 78,251 bbls, Swiftlight, Port Arthur; 65,204 bbls, Beta, Texas City; 115,485 bbls, Beacon, Baytown; 77,884 bbls, Elisha Walker, Baytown; 28,354 bbls, Alabama, Port Arthur; 145,730 bbls, W S Farish, Baytown

Los Angeles Coast Trade

GASOLINE—53,928 bbls, Arizona, Portland; 68,175 bbls, Lebec, Seattle; 4,112 bbls, S & C No 2, San Diego; 51,052 bbls, Kekoskee, Seattle
KEROSENE—1,818 bbls, Arizona, Portland
OIL, DIESEL—7,355 bbls, Lebec, Seattle; 4,519 bbls, Kekoskee, Seattle
FUEL—34,600 bbls, Capt A F Lucas, Seattle; 65,883 bbls, Tejon, Portland; 8,303 bbls, Lebec, Seattle; 7,181 bbls, James Griffiths, Seattle; 54,435 bbls, Neches, San Diego; 54,000 bbls, Brazos, San Diego; 68,666 bbls, La Brea, Portland; 75,946 bbls, Ramapo, San Diego; 67,570 bbls, Emidio, Portland; 19,325 bbls, Edwin B de Golio, San Francisco; 67,595 bbls, Paul Shoup, Avon

San Francisco Coast Trade

ACETYLENE—10 cyls, Kvichak, Alaska
ACID, BORIC—18 tons Oregonian, New York
44 tons, Andrea F Luckenbach, New York
280 sks, President Cleveland, New York
MURIATIC—1 cs, Kvichak, Alaska
OXALIC—1 cs, Kvichak, Alaska
AGAR AGAR—1 bbl, Alaskan, Seattle
ALBUMEN, EGG HEN—23 cs, Andrea F Luckenbach, New York
ALCOHOL—100 dms, West Planter, Portland, Ore
DENATURED—1 dm, Kvichak, Alaska
ASPHALT—860 bbls, West Planter, Astoria
100 bbls, West Planter, Portland, Ore
BAKING POWDER—3 cs, Kvichak, Alaska
BLEACHING POWDER—1 dm, Kvichak, Alaska
BONE COAL—27 tons, Timber Rush, Philadelphia
CASEIN—23 tons, Ohioan, Boston
29 tons, Orezonian, Boston
CEMENT, LIQUID—100 dms, Wallingford, Portland, Ore
CHARCOAL—1 bg, Kvichak, Alaska
CHLORINE BLEACH, LIQUID—1,750 cs, Ohioan, New York
500 cs, Charles L Wheeler, Jr, Portland, Ore
CHLORINE BLEACH, LIQUID (Continued):—
1,000 cs, Point Vincente, Tampa
1,750 cs, Oregonian, New York
129 tons, Andrea F Luckenbach, New York
24 tons, San Bernardino, Jacksonville
CLAY, CALCINED—18 tons, Oregonian, New York
CLEANER—2 bbls, Kvichak, Alaska
CLEANING COMPOUND—9 cs, Alaskan, Seattle
COCONUT, DESIC—624 cs, American Traveler, New York
1 ton, San Marcos, Baltimore
25 tons, San Marcos, Norfolk
394 cs, Oregonian, New York
405 cs, Andrea F Luckenbach, New York
5,805 cs, President Cleveland, New York
100 cs, President Cleveland, Boston
15 cs, President Cleveland, Los Angeles
7 tons, San Bernardino, Jacksonville
65 tons, San Bernardino, Savannah
17 tons, San Bernardino, Baltimore
COCONUT, DESIC—4 tons, San Bernardino, Norfolk
CRACKLINGS—500 sks, Charles L Wheeler, Jr, Portland, Ore
EGG YOLK, HEN, DRIED—280 cs, Andrea F Luckenbach, New York
ELECTROLYTE—2 cs, Alaskan, Seattle
FIG PASTE—15 tons, Ohioan, Norfolk
400 cs, Peter Helms, Seattle
50 cs, President Cleveland, Boston
16 tons, Cadaretta, Seattle
FLAVORING SYRUP—20 cs, Alaskan, Seattle
FLUX—1 dm, Kvichak, Alaska
ROSIN—6 cs, Kvichak, Alaska
GASOLINE—19 dms, Kvichak, Alaska
GLASS, WINDOW—8 cs, Kvichak, Alaska
GLUE—2 dms, Kvichak, Alaska
23 tons, Timber Rush, Boston
DRY—23 tons, Ohioan, Norfolk
GLYCERIN—19 dms, President Cleveland, New York
15 tons, Cadaretta, Seattle
GREASE, CUP—3 pls, Kvichak, Alaska
GUM COPAL—413 sks, American Traveler, New York
HEMPSEED—15 tons, San Marcos, Philadelphia
INSECTICIDE—11 tons, American Traveler, New York
KEROSENE—150 cs, 10 dms, Kvichak, Alaska
LACQUER—6 kegs, Alaskan, Seattle
THINNER—30 dms, Alaskan, Tacoma
LARD—19 tons, Absaroka, Baltimore
75 pkgs, Kvichak, Alaska
SUBSTITUTE—40 dms, Robert Luckenbach, Seattle
VEGETABLE—15 tons, Oregonian, New York
7 tons, San Bernardino, Savannah
LIGHTER FLUID—4 cs, Alaskan, Seattle
1 cs, Alaskan, Tacoma
LITHARGE—20 tons, San Marcos, Albany
MAGNESIA—18 tons, American Traveler, New York
CARBONATE—605 pkgs, President Cleveland, New York
MAGNESITE—447 tons, Oregonian, Philadelphia
79 tons, Andrea F Luckenbach, New York
MANURE, SHEEP—23 tons, Ohioan, Philadelphia
MEDICINAL PREPS—6 cs, Kvichak, Alaska
MILK POWDER—18 tons, American Traveler, New York
21 tons, San Marcos, Baltimore
18 tons, Oregonian, New York
16 tons, Andrea F Luckenbach, Boston
19 tons, Andrea F Luckenbach, New York
300 bbls, President Cleveland, New York
SUGAR—25 tons, Oregonian, Philadelphia
NITROUS OXIDE—5 cyls and 7 crts, containing cyls, Alaskan, Seattle
OIL—12 dms, Kvichak, Alaska
150 pkgs, Dorothy Wintermote, Seattle
1,500 pkgs, Dorothy Wintermote, Point Wells
200 pkgs, West Planter, Long View
1,250 pkgs, West Planter, Wellington
ANISE—6 dms, Andrea F Luckenbach, New York
BOILER—125 dms, Andrea F Luckenbach, Philadelphia
CHINAWOOD—31 tons, American Traveler, New York
74 tons, Ohioan, Norfolk
6 tons, San Marcos, Baltimore
COCONUT—10 dms, 3 bbls, 5 cs, Alaskan, Seattle
FISH—800 tons, Hegira, Bayway
FLOOR—5 dms, Alaskan, Seattle
LUBRICATING—13 bbls, Kvichak, Alaska
16 tons, Absaroka, Baltimore
500 cs, 30 dms, Mexican, Seattle
15 tons, Ohioan, Norfolk
70 dms, Point Vincente, New Orleans
30 tons, Oregonian, Port Newari
1 dm, Willmoto, Portland, Ore
16 tons, San Bernardino, Jacksonville
MOTOR—20 cs, Kvichak, Alaska
SALAD—4 cs, Kvichak, Alaska
225 pkgs, Jacob Luckenbach, Portland, Ore
OXYGEN—16 cyls, Kvichak, Alaska
1 crt, Alaskan, Seattle
PAINT—6 cs, 5 dms, 34 kgs, Kvichak, Alaska
37 tons, Timber Rush, New York
36 cs, 10 pls, Alaskan, Seattle
1 cs, 12 dms, Alaskan, Tacoma
DRIED—1,000 sks, Wallingford, Portland, Ore
DRIER—27 tons, Timber Rush, New York
29 tons, Timber Rush, Philadelphia
DRY EARTH—2 bbls, Willmoto, Portland, Ore
OXIDE, RED—2 dms, Kvichak, Alaska
REDUCING COMP—15 tons, Ohioan, Norfolk
PASTE, ADHESIVE—6 bbls, Kvichak, Alaska
PETROLEUM GAS, LIQUID—500 cyls, Wallingford, Portland, Ore
PRUNE CONCENTRATE—63 tons, Timber Rush, Albany
PUTTY—3 kgs, Kvichak, Alaska
QUICKSILVER—10 tons, American Traveler, New York
SALT—1 bg, 5 bls, 10 cs, Kvichak, Alaska
3,500 pkgs, Charles L Wheeler, Jr, Portland, Ore
75 bbls, Charles L Wheeler, Jr, Portland, Ore
6,000 pkgs, Peter Helms, Seattle
350 pkgs, Peter Helms, Tacoma
855 pkgs, Brookings, San Diego
1,400 sks, Admiral Laws, Seattle
4,000 pkgs, Wallingford, Portland, Ore
5,600 pkgs, Dorothy Wintermote, Seattle
155 tons, Cadaretta, Olympia
500 pkgs, West Planter, Long View
1,500 pkgs, West Planter, Portland, Ore
SOAP—6 cs, Kvichak, Alaska
1,332 pkgs, Brookings, San Diego
1,000 cs, Admiral Laws, Seattle
900 cs, Wallingford, Portland, Ore
2 cs, President Cleveland, New York
LAUNDRY—30 cs, Kvichak, Alaska
TOILET—3 cs, Kvichak, Alaska
SODA—1 bbl, Kvichak, Alaska
18 tons, Cadaretta, Seattle
15 tons, Cadaretta, Tacoma
ASH—800 sks, Admiral Laws, Seattle
1,200 sks, Admiral Laws, Everett
SILICATE—1 cs, Kvichak, Alaska
1,000 sks, 50 dms, West Planter, Long View
TALC—900 sks, Admiral Laws, Seattle
TALLOW—100 dms, Point Vincente, New Orleans
TOILET PREPS—14 tons, Ohioan, New York
16 cs, Alaskan, Seattle
5 cs, Alaskan, Tacoma
3 cs, President Cleveland, New York
VARNISH—3 dms, 58 cs, Alaskan, Seattle
25 dms, Alaskan, Tacoma
WATER, MINERAL—23 cs, Kvichak, Alaska
WAX—500 bls, Wallingford, Portland, Ore
YEAST—6 cs, Kvichak, Alaska

Cargo Ship Arrivals

June 13 to June 26

New York

Absaroka	Seattle*	June 23
Alamar	Seattle*	June 19
American Banker	London	June 22
American Merchant	London*	June 16
American Shipper	Liverpool*	June 15
Ancon	Cristobal*	June 22
Andrea F Luckenbach	Seattle*	June 17
Azumasan	Singapore*	June 26
Beldagny	Santos	June 22
Black Eagle	Antwerp*	June 17
Black Falcon	Antwerp*	June 23
Black Hawk	Antwerp*	June 23
Blink	Hamburg	June 21
Boniface	Para	June 25
Borinquen	Trujillo*	June 22
Breedijk	Rotterdam	June 18
Britannic	Southampton*	June 21
Buenaventura	Port au Prince*	June 15
Calamares	Santa Marta*	June 24
Canadian Challenger	Melbourne*	June 21
Caracas	Puerto Cabello*	June 17
Cauto	Tampico*	June 23
Challenger	Mombassa*	June 24
Champlain	Havre*	June 19
Chateau Thierry	Honolulu*	June 26
Coamo	Trujillo*	June 15
Constance Chandler	Honolulu*	June 22
Cumbal	Pisco*	June 24
Eastern Prince	Buenos Aires*	June 24
Emilia	San Juan	June 22
Ethan Allen	Iloilo*	June 22
Europa	Bremen*	June 19
Excambion	Beirut*	June 24
Exchester	Genoa*	June 25
Executive	Tangier*	June 15
Express	Piraeus*	June 26
Felix Taussig	Seattle*	June 16
Fort Townshend	St John's*	June 25
Franconia	Liverpool*	June 22
Gerolstein	Antwerp	June 18
Giulia	Trieste*	June 21
Greylock	Kahului*	June 19
Haiti	Cristobal*	June 15
Harry Luckenbach	Portland*	June 23
Henri Jaspar	Antwerp	June 29
Herman Frasch	Portland*	June 19
Ingria	Marseilles*	June 17
Iowan	Astoria*	June 23
Irisbank	Tsingtao*	June 25
J L Luckenbach	Seattle*	June 21
Jeff Davis	Adelaide*	June 22
Kirishima	Manila*	June 23
Kolsnaren	Gothenburg*	June 17
Kota Radja	Batavia*	June 16
Lafayette	Havre*	June 25
Lake Corin	Seattle*	June 21
M C Holm	Trinidad*	June 17
Magallanes	Vera Cruz*	June 15
McKeesport	Middlesboro*	June 20
Medea	Maracaibo*	June 22
Montreal City	Bristol*	June 15
Munargo	Havana*	June 25
Musa	Puerto Barrios*	June 25
Nako	Hongkong*	June 25
Nerissa	Trinidad*	June 22
New York	Hamburg*	June 19
Nichiyo	Iloilo*	June 18
Niel Maersk	Manila*	June 26
Ohioan	Portland*	June 17
Olympia	Barcelona*	June 26
Oregonian	Seattle*	June 18
Oriente	Havana	June 19
Orizaba	Vera Cruz*	June 16
Otho	Lagos*	June 19
Pan America	Buenos Aires*	June 17
Panuco	Tampico*	June 15
Pastores	Cristobal*	June 22
Pennland	Antwerp*	June 22
Pennsylvanian	Tacoma*	June 26
Platano	Puerto Barrios*	June 18
Plow City	Seattle*	June 19
Pomona	Astoria*	June 24
Ponce	San Juan	June 23
Potter	Cavite*	June 20
President Cleveland	Manila*	June 15
President Harding	Hamburg*	June 19
President Wilson	Manila*	June 15
Queen Mary	Southampton*	June 21
Quirigua	Port Limon*	June 21
Rex	Naples*	June 25
Roma	Genoa*	June 22
Sandgate Castle	London*	June 15
San Francisco	Manila*	June 23
San Lucas	Astoria*	June 21
San Marcos	Astoria*	June 24
Santa Clara	San Antonio*	June 16
Santa Rita	Valparaiso*	June 23
Santa Rosa	San Francisco*	June 16
Sarcoxie	Dunkirk*	June 21
Scanmail	Kotka*	June 19
Scanstates	Gothenburg*	June 15
Scanyork	Gdynia*	June 25
Seatrain Havana	New Orleans*	June 23
Seatrain New York	New Orleans*	June 16
Siamese Prince	Batavia*	June 26
Siboney	Vera Cruz*	June 23
Somerset	Liverpool	June 19
Sonnavind	Yokohama*	June 23
Stavangerfjord	Oslo*	June 19
Steel Traveler	Sourabaya*	June 26
Svaneholm	Norrkoping*	June 15
Tachira	Curacao*	June 25
Tacoma	Buenos Aires*	June 22
Teneriffa	Oslo*	June 24
Teresa	Naples*	June 25
Thurland Castle	Manila*	June 24
Timber Rush	Port Angeles*	June 19
Tonsbergfjord	Marseilles*	June 23
Trentino	Hull*	June 26
Turcoy	Buenos Aires*	June 21
Tuscania	Glasgow*	June 22
Ullstad	Huelva	June 16
Ulua	Santa Marta*	June 17
Victoria	Manila*	June 18
Virginia	San Francisco*	June 22
Ward	Hongkong*	June 16
Washington	Hamburg*	June 25
West Nilus	Port Gamble*	June 24
West Selene	Buenos Aires*	June 16
Willkeno	Seattle*	June 19
Zarembo	Pointe Noire*	June 15

* And other ports

Recent Charters

PETROLEUM—8,000 tons, S S Oljaren, fuel gas, Batoum, Algiers, 8s 7½d; June
13,000 tons, S S Anna Knudsen, crude oil, United States Gulf, Dunkirk, 14s 6d; July
13,000 tons, S S Storstad, crude oil, Haifa, Tripoli, Havre, 10s 3d; June-July
14,000 tons, S S G C Brovig, dirty, Venezuela, Rotterdam 12s; June
11,500 tons, S S Grena, clean, Russian Black Sea, Vladivostok, 26s; June-July
7,500 tons, S S Phoenix, clean, Constanza, Bordeaux and Havre, 13s 9d; June-July
9,000 tons, S S Vilja, crude oil, Haifa, Tripoli, Teneriffe, 7s 1½d; June
13,000 tons, S S Athel, dirty, Aruba, Curacao, Venezuela, 12s; Cartagena, 12s 3d; United States Gulf, 14s; Tampico, United Kingdom, Continent, 14s 3d; June-July
7,300 tons, S S Gertrude Kellogg, fuel oil, San Pedro, El Segundo, Balbao, 22½c; July
5,224 tons, S S Athelknight, dirty, California to Japan, 13s 6d; July
7,500 tons, S S Raila, clean, United States Gulf, Rio de Janeiro, Santos, Montevideo, 15s; July
10,500 tons, S S Thorshavn, dirty, Aruba or Curacao, United Kingdom, Continent, 11s 9d; June-July
3,500 tons, S S Dedata, gas oil, Batoum, Antwerp; June
12,000 tons, S S Beduin, clean, Abadan, Mediterranean, 20s; United Kingdom, Continent, 22s; Scandinavia, 23s; August-September
7,500 tons, S S Virginia, clean, Venezuela, United Kingdom, Continent, 12s 3d; June-July
10,000 tons, S S Voreda, clean, Aruba or Curacao, United Kingdom, Continent, 12s 3d; June
7,500 tons, S S Vimeria, clean, Venezuela, United Kingdom, Continent, 12s 3d; June-July
11,500 tons, S S Imperial Transport, dirty, Aruba, Curacao, United Kingdom, Continent, 11s 9d; June-July
9,000 tons, S S Chr Th Boe, dirty, United States Gulf, 13s 9d; Tampico, United Kingdom, Continent, 14s; June 25-July 15

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended June 17

Anise, 51 bags; excess acid-insoluble ash.
Caraway seed, 200 bags; filthy.
Cassia oil, 20 drums; not U.S.P.
Chlorophyll, technical, 5 cases; restricted use.
Ergot, 18 bags; not U.S.P.
Medicinal preparation, 100 boxes; false therapeutic claims.
Medicinal preparation, 200 boxes; misbranded as to composition.

Baltimore

Week Ended June 17

Mace, 12 cases; filthy; excess and acid-insoluble ash.

Buffalo

Week Ended June 17

Caraway seed, 100 bags; filthy.

Los Angeles

Week Ended June 11

Licorice, 5 cases; short weight and false therapeutic claims.

Medicinal preparations, 27 pieces; false therapeutic claims.

San Francisco

Week Ended June 11

Apricot kernels, 25 bags; restricted use.

Medicinal preparations, 65 pieces; false therapeutic claims.

Seattle

Week Ended June 11

Medicinal preparations, 1 pkg; false therapeutic claims.

Paint, Varnish and Lacquer Materials

Naval Stores

(Continued from page 33)

SAVANNAH, June 19.—Rosin was irregular, changes in prices being frequent. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$4.00	$4.10	$3.75	$3.75	$4.00	$4.00
D	4.32½	4.35	4.35	4.35	4.20	4.55
E	4.42½	4.40	4.35	4.35	4.40	4.55
F	4.60	4.55	4.55	4.75	4.62½	4.75
G	4.60	4.60	4.55	4.75	4.77½	4.75
H	4.60	4.60	4.55	4.75	4.77½	4.75
I	4.62½	4.60	4.60	4.75	4.77½	4.75
K	4.62½	4.60	4.60	4.75	4.77½	4.80
M	4.62½	4.70	4.60	4.75	4.80	4.80
N	4.77½	4.75	4.75	4.85	4.90	4.90
WG	4.82½	4.90	4.85	4.85	5.07½	5.00
WW	4.95	5.00	5.10	4.85	5.25	5.10
X	4.95	5.00	5.10	5.10	5.25	5.10

	Barrels					
Sales	879	812	1,558	345	470	688
Receipts	1,545	1,523	3,192	1,450	2,208	1,380
Shipments		1,213	625	2,956	1,678	1,054
Stocks	58,331	58,641	61,208	59,711	60,241	60,567

JACKSONVILLE, June 19.—All grades of rosin were fairly active. The market had a firm undertone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	Fri.	Sat.	Mon.	Tues.	Wed.	Thur.
B	$3.75	$3.75	$3.75	$4.00	$4.00	$4.00
D	4.25	4.25	4.25	4.25	4.25	4.25
E	4.30	4.30	4.50	4.35	4.40	4.50
F	4.45	4.50	4.55	4.50	4.55	4.65
G	4.52½	4.52½	4.60	4.50	4.60	4.65
H	4.52½	4.52½	4.60	4.50	4.60	4.65
I	4.55	4.55	4.60	4.55	4.60	4.65
K	4.55	4.55	4.60	4.55	4.60	4.65
M	4.70	4.60	4.70	4.55	4.70	4.75
N	4.75	4.70	4.75	4.65	4.75	4.75
WG	4.80	4.75	4.90	4.75	4.90	5.00
WW	4.85	4.90	5.00	5.00	5.00	5.10
X	4.85	4.90	5.00	5.00	5.00	5.10

	Barrels					
Sales	220	133	416	1,667	85	....
Receipts	1,300	1,126	1,552	1,337	1,257	1,108
Shipments	6,301	...	...	940	10	126
Stocks	43,780	44,966	46,458	46,855	48,102	49,084

PENSACOLA, June 13.—The rosin market was steady. Receipts showed some increase. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	439	638	256	207	291	567
Shipments	809	170	450	160	100	760
Stocks	35,296	35,764	35,570	35,707	35,898	35,725

CHICAGO, June 19.—Buyers of rosin are taking a much more interested view of the market, and are buying readily. Prices have been advancing from time to time, until now market values are at the best levels in an extensive period. Holders are showing no anxiety to unload at this point. Ruling prices at the close of business last night were:—B grade, $6.25 per lot of 280 pounds; G grade, $7.07½; M grade, $7.25; W.W. grade, $7.60.

LONDON, June 19.—Quotations on American rosin were as follows:—

	Per cwt. in barrels			
	Common.		W.W.	
	s.	d.	s.	d.
Saturday	12	7½	13	9
Monday	12	7½	13	9
Tuesday	12	7½	13	9
Wednesday	12	7½	13	9
Thursday	12	7½	13	9
Friday	12	7½	13	9

Pine Oil. — The market remained in a steady position. Business lacked snap but there were reports of a fair demand for moderate quantities from local and other consumers.

Pitch. — Prices were generally held at previous levels with the tone of the market firm. There was a steady movement into consuming channels on contracts and transient orders.

Rosin Oil.—Business was apparently of the same conservative character noted in recent preceding weeks, purchasing generally being limited to moderate quantities to fill current or nearby requirements.

Tar. — Previous selling schedules remained in effect with the tone of the market firm. Business was fairly active though consumers did not show much disposition to anticipate.

Shellac

The market for shellac continued to be a very quiet affair last week. Activity was mainly that required to fill the contract commitments of importers and manufacturers and because of general conditions, the deliveries against contracts were hampered by the failure of some buyers to accept goods when tendered. The foreign markets showed a considerable degree of stability that was somewhat akin to something resembling strength. Spot prices held unchanged, but a tendency to shade was noted. One important fact was that the stocks of pure USSA T. N. in Calcutta were very small. Of interest was the inquiry of the Navy Department for 65,000 pounds of orange shellac, being divided at 50,000 pounds for Norfolk navy yard and 15,000 pounds for the Mare Island yard in California. Bids will be opened July 1.

Of much interest and probable importance to the future of shellac was the continued indications of expanding consumption of that article by the Union of Soviet Socialistic Republics. On the basis of returns made by the British customs, the U.S.S.R. during the period January-April this year was second only to the United States as a buyer of shellac on the markets of the United Kingdom.

Official returns of the British customs for the export of shellac from the United Kingdom during April, 1936, and for the total period January-April, 1936, were as follows:—

	Hundredweight	
	April.	Jan.-April.
Soviet	4,843	11,378
Danzig	99	427
Germany	739	3,951
France	137	499
Japan	...	438
United States	1,060	13,322
South America	103	545
Other ports	537	2,333
Totals	7,518	32,893

These figures worked out at approximately 5,135 packages for April, and 22,464 packages for the four-month period.

London, June 19.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	June 19		June 12	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
August	54	11.8	54	11.8
October	54½	11.9	54½	11.9

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight	
	August.	October.
June 12	54s.	54s. 6d.
*June 13	....	....
June 15	54s.	54s. 6d.
June 16	54s.	54s. 6d.
June 17	54s.	54s. 6d.
June 18	54s.	54s. 6d.
June 19	54s.	54s. 6d.

* No cables.

Calcutta, June 19.—Prices quoted on U.S.S.A. T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound	
	June 19.	June 12.
June	11½c.	11⅝c.

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices and reports on market conditions were as follows:—

	Per pound.	Market
June 12	11⅝c.	Firmer
*June 13	....	.....
June 15	11½c.	Steady
June 16	11⅝c.	Lower
June 17	11½c.	Higher
June 18	11½c.	Steady
June 19	11½c.	Steady

* No cables.

Lacquer Materials

The market for the various lacquer materials moved through a relatively quiet week, and this condition could be traced to the adherence to a close hand-to-mouth buying policy as a result of the near approach of the curtailment of production activities in certain consuming industries, due to seasonal influences. Prices generally were steady to firm. The firm feature in the market was film scrap, with reports indicating that the demand for both the export and domestic account continued broad. Acetone was steadier. Butyl alcohol demand indicated consumers were covering for nearby requirements. Some curtailment was looked for in the production schedule of the automobile industry at the start of the new month.

Acetone.—Business was fairly good last week, with the prices assuming a steadier price position.

Butyl Acetate.—This market continued to experience an irregular call during the week just closed, with the shipments moving out in volume to cover for immediate production wants only, and prices were well maintained.

Butyl Alcohol.—This market was much the same as the preceding week, with the consumers covering in conservative fashion, and prices were steady at previous levels.

Ethyl Acetate.—A fair inquiry was noted for this material again last week, with the shipments indicating consumers were covering when needs reached imperative stage and prices were in line with previous values.

Film Scrap.—Demand here was good, and prices were firm. According to the Czechoslovak Chemical Association there are 12 manufacturers who use film scrap. The Czechoslovak consumption is in the neighborhood of 25,000 kilos per year of which approximately 20,000 kilos are imported principally from Germany, Belgium and England. Prices vary according to quality from 5 crowns to 8 crowns per kilo for unwashed film to from 10 to 11 crowns per kilo for clear film. It is purchased chiefly in rolls and under a guarantee that it will give a clear concentrated solution. There is no local firm engaged in importing film scrap, washing it and selling it to consumers as users buy direct from abroad. Film scrap is not used locally in the production of artificial leather but chiefly in the production of polishes and lacquers, according to the Department of Commerce.

Driers

Stearate manufacturers are soliciting contract renewals at the price levels that have been in force through this quarter. The contract renewals are for 90 days beginning July 1. In the meanwhile there has been a fair movement of materials into consumption, but the market is inclined toward spottiness on occasions. Other drier materials, including resinates and oleates continue unchanged.

Glues and Binders

Casein. — Buyers were not so active last week as in the few weeks preceding. The market continued firm but unchanged and 15c. per pound for car lots of 20-30 mesh delivered was workable in most quarters. Some asked 15¼c. Usual differentials prevailed for 80-100 mesh. Little was heard from the Argentine during the week and there are few offerings of that product now. The latest price heard was 9¾c. c.i.f., which is equivalent to 15¼c. per pound duty paid.

Glues. — The market holds in an unchanged position under routine demands from the regular using trade. Raw stocks continue high-priced and the market has as much fundamental strength as it had earlier in the year.

Oils, Fats and Waxes

(Continued from page 37)

Fats and Greases

Grease. — A firm tone continued to prevail and quotations were generally ¼c. per pound higher. Business lacked snap but there was a fair demand for moderate quantities from local and outside consumers.

Lard.—Cash product ruled firm as the trend of futures was upward at times in the West where speculative sentiment for the time being appeared to be more bullish despite a further increase in lard stocks. There was a fair demand here. Lard stocks in Chicago increased about 3,500,000 pounds during the first half of June, bringing the total on June 15 up to 49,728,030 pounds against 42,092,216 pounds at the same time last year.

Stearin.—The market was rather quiet but there was no increase in offerings and the tone was steady, quotations being about stationary during the week.

Tallow.—The spot situation continued to be featured by light offerings and a firm tone. Frequent inquiries were reported from smaller buyers but large consumers were inclined to hold aloof from the market until late in the week when transactions were reported at an advance of ¼c. to the basis of 5⅛c. per pound, f.o.b., for extra, sales involving about 1,000,000 pounds. Offerings continued light on the rise.

The trend of the market at Chicago was also reported as upward with offerings limited. Foreign tallow continued to remain above a parity with domestic product. Tallow futures in the local market were firm with sales at a further advance. There was no auction of tallow in London last week.

Following is a record of the market for tallow futures on the New York Produce Exchange from June 13 to June 19, inclusive:—

	Cents per lb. in tanks			Sales.
	High.	Low.	Close.	Tanks.
June	...	...	5.35 bid	..
July	5.30	5.19	5.45@ 5.57	6
August	...	...	5.50 nom.	..
September	5.55	5.25	5.65@ 5.75	15
October	...	...	5.65@ 5.80	..
November	...	...	5.65 nom.	..
Total sales				21

Markets at Other Centers

Chicago, June 19.—Cash lard market tone has been mostly firmer. Larger supplies continued to come into sight, with western stocks still increasing, contrasted with decreasing stocks a year ago. Shipping trade has been fair. Tallow price trend is stronger, with prices definitely higher. Greases also are reflecting improvement in demand, with smaller offerings. Stearins are participating in the betterment to a certain extent.

The range of lard quotations from the opening Saturday, June 13, to the close Friday, June 19, is shown in the following table:—

	Per 100 pounds				
	Open.	High.	Low.	Close.	Previous Friday.
Cash	$10.12	$10.57	$10.12	$10.57	$10.15
Sept.	10.17	10.70	10.07	10.70	10.20

TALLOWS (tierces).—Edible, 5⅞c. to 6c. per pound; prime, 5⅛c. to 5¼c.; fancy, 5c. to 5¼c.; prime renderers', 4½c. to 4¾c.; B country, 3¾c. to 4c.

GREASES (tierces). — Choice white, 5⅞c. to 6⅛c. per pound; A white, 5⅛c. to 5¼c.; B white, 4⅝c. to 4¾c.; yellow, 10-15, 4⅜c. to 4½c.; yellow, 16-20, 4⅛c. to 4¼c.; brown, 3⅞c. to 4c.

STEARINS (barrels).—Prime oleo, 7¼c. to 7½c. per pound; lard, packages, 10⅜c. to 10½c.; A white grease, 5c. to 5¼c.; A white grease, export, 5¾c. to 6c.; yellow grease, 4¼c. to 4½c.; extra oleo stocks, 9¾c. to 10c.; No. 2 stocks, 9¼c. to 9½c. (Oleo stocks in car lots.)

Liverpool, June 19. — Quotations per cwt. on refined American lard were as follows:—

	Spot.	July.	Sept.	Oct.
	s. d.	s. d.	s. d.	s. d.
Saturday	52 0	47 9	49 6	49 6
Monday	52 0	47 6	49 3	49 3
Tuesday	52 0	47 6	48 9	48 9
Wednesday	52 0	47 9	49 3	49 3
Thursday	53 0	48 3	50 0	50 0
Friday	53 0	48 3	50 0	.. ..

Liverpool, June 19. — Quotations per cwt. on tallow were as follows:—

	Choice.		Fine, good mixed.	
	s.	d.	s.	d.
Saturday	25	0	21	3
Monday	25	0	21	3
Tuesday	25	0	21	3
Wednesday	25	0	21	3
Thursday	25	0	21	3
Friday	25	0	21	3

Fatty Acids

Red Oil.—The firm position of raw material was reflected in the market for red oil though no changes occurred in selling schedules. Business lacked snap but there was a fairly active demand for moderate quantities from local and other consumers.

Stearic Acid.—Quotations remained at the levels prevailing in the previous week, but the tone of the market appeared to be firmer owing to the recent increase in cost of production following the advance in raw material prices. There was a fairly active demand from consumers.

Markets at Other Centers

Chicago, June 19. — Fatty acids are marking time for the most part, insofar as price changes are concerned, although the tone of the market seems a little firmer in some respects. Buyers in some lines are exhibiting a somewhat better interest in the question of taking care of their early needs.

FATTY ACIDS.—Corn oil, double distilled, 5¾cc. to 6c. per pound, tankcar; 6¼c. to 6½c., barrels, car lots; 6¾c. to 7c., barrels, less than car lots; coconut oil, acidulated, 6c. to 6¼c., tankcar, mostly nominal; 6½c. to 6¾c., barrels, car lots; 7c. to 7¼c., barrels, less than car lots; cottonseed oil, double distilled, 5¼c. to 5½c., tankcars; 5¾c. to 6c., barrels, car lots; 6¼c. to 6½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3c. to 3¼c.; boiled down soap stock, 65 percent basis, 3¾c. to 4c.; cottonseed foots, 50 percent basis, 1⅛c. to 1⅜c.

STEARIC ACID.—Single press, 8c. to 9c. per pound; double press, 8½c. to 9½c.; triple press, 11¼c. to 12¼c.

RED OILS.—Distilled or saponified, tanks, 7¾c. per pound; drums, 8½c. to 8¾c.

Waxes

Bees.—The market was steadily active and always firm during the past week. Consumption proceeded at a rate about normal for this article, and, in view of the cost of present stocks, prices prevailing throughout the past week were well maintained. The tendency, if any, was upward.

Candelilla.—Irregular demand was current and because of the strong competition noted in the market for material competing with candelilla the price position on the latter material was not more than steady.

Carnauba.—Brazil continued to be a very strong market. All advices reaching here from the source suggested the probability of prices rising there in keeping with the steady decrease in stocks which follows on the sale of substantial quantities to other consuming countries. Present prices for spot goods cannot in any way be justified when the cost to replace is considered. Nevertheless, prices here were not very steady and competition was generally keen.

Japan.—Hand-to-mouth trading was the rule locally and the market volume was not very substantial in size by the close of last week. Local quotations held without quotable change, but they were not particularly steady at any time. Competition was active.

Candelilla Wax in Flake Put Out by Innis, Speiden

A new product in the wax market has been developed by Innis, Speiden & Co., wax importer, this city. After much research, the company's development engineers have succeeded in refining and flaking candelilla wax. In the process, all water, rosin, gums and impurities are removed and the resulting product is an article that lends itself to manufacturing purposes with savings to the buyers and improvement in their product. The flake is thin and light, is more readily cut as well as saponified and has a melting point of 159½ F. degrees. Innis, Speiden & Co. markets the article in bags weighing one hundred fifty, and two hundred pounds.

Samples and detailed analysis of the product will be sent by the company on application from consumers interested in examining the new product.

Industrial Oil Products Expands

The Industrial Oil Products Corporation, subsidiary of the Murray Oil Products Company, whose plant is located in Los Angeles, is installing a hydrogenating plant and planning to hydrogenate oils for the trade.

Business Opportunities—Classified

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words.

Payable in advance at 12 Gold Street, New York

Agencies Wanted

IF YOU are actual producers of pigments or other raw materials used in various industries and Southern Ohio representation would be of interest. Address BOX 476, Oil, Paint and Drug Reporter.

CHICAGO ORGANIZATION with established office desires representation for middle west on clays and other chemicals sold in volume to the industrial trade. Send full particulars and samples to Hatch, Rm. 1101, 20 E. Jackson blvd., Chicago.

Equipment Offered

FOR SALE—800 tons bone char. Liquidation of all machinery and equipment of the Spreckels Sugar Refinery, including six Vallez No. 4 filters; twenty-six Shriver 32 inch by 32 inch filter presses; sixty bronze basket centrifugals; seven Oat & Sons vacuum pans, copper coils; one Swenson and one Oat triple effect evaporators; two Hersey rotary dryers, 6 feet by 23 feet; thousands of tons of cast iron and steel pipe and fittings, ½ inch to 24 inch; two hundred motors, 3 ph. 60 cy. 220 volts from ¼ to 75 H.P.; four 150 H.P. syn. motors; complete chemical and research laboratory with complete library. Miscellaneous: vacuum centrifugal and steam pumps; compressors, engines, nine 500 H.P. boilers, three 75 kw. d.c. generator sets, blowers, five pneumatic packaging lines, 1 to 5 lb. cartons, electrical trucks, screens, scales, tanks conveyors, bucket elevators, etc. Send for 32-page catalogue. Inspection invited at plant. Address all inquiries to Consolidated Products-Spreckles Liquidation, Yonkers, New York—Telephone Yonkers 2400.

FOR SALE—Five Day 800-pound dry mixers, Schutz O'Neill 20-inch limited mill, Day rapid sifter No. 3, Kent 8-inch motor-driven stone mill. BOX 434, Oil, Paint and Drug Reporter.

Equipment Offered

REAL BUY in two hundred gallon per hour continuous vacuum still. This has been thoroughly rebuilt, is guaranteed to be in first class condition, can not be beat for distilling either gasoline or heavy solvents. If you are looking for a real still get in touch with us promptly. The Schwab Machinery & Supply Company, Toledo, Ohio.

REMOVAL SALE of equipment from our Jersey City warehouses. Send for free 16-page booklet with prices. We also feature complete rebuilt line of oil, paint, drug machinery at our New York city warehouse and shops. Stein-Brill Corporation, 183 Varick street, New York, N. Y.

FOR SALE—650-gal. square Inconel tank, polished inside; 12 used copper varnish kettles and trucks; 1 steel kettle and truck, copper and aluminum jacketed kettles. Mandoni Bros., 260 Custer avenue, Jersey City, N. J.

PEBBLE MILLS, several sizes, rebuilt; new laboratory jars and brick, porcelain-brick lining; two-truck dryer; 3-gallon bronze mixer, double sigma blades; pumps; tanks; boilers. Edw. W. Lawler, Inc., Durham avenue and L. V. R. R., Metuchen, N. J.

Equipment Wanted

WANTED—One second-hand centrifugal pump, 2 phase GE motor, capacity 200 gallons per minute, also one second-hand glass lined storage tank 150 gallon capacity, both in perfect condition. State age, location, make and price. BOX 479, Oil, Paint and Drug Reporter.

Factories Offered

BRICK FACTORY, one story, 4,500 sq. ft., 20-ft. headroom, no columns, railroad siding, live steam available 24 hours day, yard, unrestricted district Newark, N. J. 15 minutes to Manhattan; low rent. The R. L. Kraft Company, Woolworth building. Cort. 7-9377.

Materials Offered

ENAMELINER—A novel, unique and valuable product. Gives thickest paint coating on steel ever attained. Remarkable resistance to moisture, chemicals, and hot water. Dries in 30 seconds. Nonexplosive vapor. Black, glossy, imperishable. Sole Mfrs. W. A. Briggs Bitumen Co., 3303 Richmond street, Philadelphia, and 15 Moore street, New York.

Materials Wanted

WANTED—Wastes, by-products, residues of all kinds; also surplus chemicals, solvents, colors, waxes, pigments, glues, paints, drugs, cosmetic specialties. Any quantity. Any condition. Machinery bought and sold. BOX 452, Oil, Paint and Drug Reporter.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 470, Oil, Paint and Drug Reporter.

Positions Vacant

YOUNG CHEMIST wanted by large manufacturer. Experience in formulatlating paints, necessary. BOX 475, Oil, Paint and Drug Reporter.

Positions Wanted

GRADUATE CHEMIST with laboratory and plant experience wants position in textile or chemical field. BOX 394, Oil, Paint and Drug Reporter.

CAPABLE SANITARY chemical specialist—12 years' experience manufacturing disinfectants, insecticides, soaps, polishes, cleaning compounds, etc., desires position as superintendent or chemist. Single, age 42, B.S. Available at once.. BOX 446, Oil, Paint and Drug Reporter.

Positions Wanted

CAPABLE CHEMIST (B.S.) with years of experience manufacturing and analyzing lubricating greases, disinfectants, insecticides, soaps, deodorants, cleansers, etc., desires active partnership in well established consulting and analytical laboratory. BOX 447, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER, broad experience, formulation and application nitrocellulose solutions, reclaiming film scrap and smokeless powder; designing and operating solvent recovery and distillation systems; thorough knowledge of process economics (now employed), desires larger responsibilities with progressive concern. BOX 462, Oil, Paint and Drug Reporter.

ORGANIC CHEMIST, Ph. D., twenty years' successful experience in research and development work in synthetic organic chemistry, desires position. BOX 471, Oil, Paint and Drug Reporter.

CHEMICAL and law graduate, experienced in chemical patent law. BOX 472, Oil, Paint and Drug Reporter.

HOLDER OF PH. D., with research experience in petroleum and bio-chemistry. BOX 473, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER, with extensive manufacturing experience in tartrates, explosives and storage battery materials. BOX 474, Oil, Paint and Drug Reporter.

SALESMAN, paints, varnishes, over 25 years' selling experience. Good following among leading jobbers, retail paint stores, etc., in metropolitan area, wishes to connect with first-class manufacturing concern. Commission basis only. BOX 477, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER, specializing in montan, carnauba and beeswax bleaching and other wax products; desires manufacturing position.. BOX 478, Oil, Paint and Drug Reporter.

REBUILT MACHINERY SELECTED ITEMS

20—Pebble Mills, including 6—50 gal. porcelain lined, 8—200 gal. burrstone lined, with roller bearings, 1—500 gal.
1—Stokes Rotary "DD" Tablet Machine.
5—Colton, Stokes & Mulford Tablet Machines, ⅛" to 2" dia.
10—175 gal. Copper and Aluminum Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—26" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
3—12x30 watercooled Roller Mills, one with roller bearings.
2—Day 12x32 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
2—700 gal. Duriron Jack. Kettles, closed.
1—400 H.P. B. & W. Boiler, A.S.M.E. 200 lbs.
3—W. & P. Jack. Mixers, 100 gals., heatable sigma blades.
3—W. & P. Jack. Mixers, 200 gals., power tilting.
25—Filter Presses, 6" to 42" size.
1—J. P. Devine Double Drum Dryer, 4'x9'.

Miscellaneous: Dryers; Mixers; Fillers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y.
Phone: Barclay 7-0600
Plant: 535 Doremus Ave., Newark, N. J.
Cable Address: Equipment

Corporation Earnings Recently Reported

	Period.	1936 Net income.	1936 Per share.	1935 Net income.	1935 Per share.
Air Reduction Co.	1935	$5,292,866	$6.29	$4,145,416	$4.98
Anaconda Copper Co.	1935	11,180,087	1.29	1,926,706	1.23
Anglo-Iranian Oil Co.	1935	*3,519,183	18.23%	*3,183,195	15.73%
Brillo Mfg. Co.	1st qr.	62,108	.31	22,467	.06
Burmah Oil Co.	1935	2,230,118	21.57%	1,482,516	13.38%
Coca-Cola Co.	1935	15,804,356	3.48	14,328,668	3.12
Columbia Oil & Gasoline Corp.	1935	318,487	...	112,208	...
Crown Drug Co.	7 mos.	168,662	.30	90,570	.13
Darby Petroleum Corp.	1st qr.	103,85	.30	50,268	.10
Healy Petroleum Corp.	1st qr.	109,409	.38	.....	...
Hook Drugs	1935	165,723	1.30	160,942	1.26
Philadelphia Co.	Yr. 3-31	6,532,763	.87	5,590,304	.68
Swedish Match Co.	1935	†11,198,837	†3,325	†3,625,671	...
Sylvanite Gold Mines, Ltd.	Yr. 3-31	875,116	.27	723,443	.22

* Pounds. † Kroner.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing give the number of the item:—

Cellulose wadding, for pharmacists and hospitals:—Purchase, Montreal, Canada (928).

Drugs, pharmaceuticals, and industrial chemicals:—Agency, Vienna, Austria (1020).

Fish glue:—Purchase, Prague, Czechoslovakia (1007).

Inks, writing and printing (black):—Agency, Singapore, Straits Settlements (1029).

Lard, vegetable oils, and greases:—Agency, Havana, Cuba (1012).

Oil mill machinery for the production of flaxseed and copra oils:—Purchase, Novi Urbas, Yugoslavia (996).

Paint, heat-resisting, and chlorinated rubber for the manufacture of varnish:—Agency, Boulogne sur Seine, France (1025).

Paints and varnishes:—Agency, Vienna, Austria (1020).

Paradichlorbenzol: — Purchase, Prague, Czechoslovakia (1007).

Perfumery and facial creams:—Agency, Singapore, Straits Settlements (1029).

Petroleum jelly, and white petrolatum oil:—Purchase, Prague, Czechoslovakia (1007).

Resin, synthetic, in powder form:—Purchase, Enschede, Netherlands (1021).

Soybeans:—Agency, Amsterdam, Netherlands (1011).

Veteran druggists' associations of Baltimore and the District of Columbia met together at the Olney Inn, Maryland, and, in honor of the birthday of Augustus C. Taylor, president of the District association, presented to him a gold watch and chain. Frank C. Purdum, president of the Baltimore organization, and J. F. Simpson, who headed the Washington group, acted as chairmen.

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
Abbott Laboratories	Com.	Q.	75c.	July 1	June 18
Abbott Laboratories	Com.	Ext.	10c.	July 1	June 18
Allied Products Corp.	Cl. A	Q.	43¾c.	July 1	June 15
American Chicle Co.	Com.	Q.	$1.00	July 1	June 12
American Home Products Corp.	Com.	M.	20c.	July 1	June 15
Anaconda Copper Mining Co.	Com.	..	25c.	July 20	June 13
Beech-Nut Packing Co.	Com.	Q.	75c.	July 1	June 12
Beech-Nut Packing Co.	Com.	Ext.	50c.	July 1	June 12
Brillo Mfg. Co.	Com.	Q.	15c.	July 1	June 15
Brillo Mfg. Co.	Cl. A	Q.	50c.	July 1	June 15
Climax Molybdenum Co.	Com.	Q.	20c.	June 30	June 13
Coca-Cola Bottling Corp. (Del.)	Com.	Q.	62½c.	July 1	June 15
Coca-Cola Co.	Com.	Q.	50c.	July 1	June 12
Coca-Cola Co.	Cl. A	S.	$1.50	July 1	June 12
Coca-Cola International Corp.	Com.	Q.	$4.00	July 1	June 12
Coca-Cola International Corp.	Cl. A	S.	$3.00	July 1	June 12
Dominion Glass Co.	Com.	Q.	$1.25	July 2	June 15
Dominion Glass Co.	Pfd.	Q.	$1.75	July 2	June 15
Eagle-Picher Lead Co.	Com.		10c.	July 1	June 15
Eagle-Picher Lead Co.	Pfd.	Q.	$1.50	July 1	June 15
Emerson Drug Co.	Pfd.	Q.	50c.	July 1	June 15
Fansteel Metallurgical Corp.	Pfd.	Q.	$1.25	June 30	June 15
Ferro Enamel Corp.	Com.	..	25c.	June 20	June 10
Flintcote Co.	Com.	..	25c.	June 15	June 10
Gulf Oil Corp.	Com.	..	25c.	July 1	June 15
Haloid Co.	Com.	Q.	25c.	June 30	June 15
Hercules Powder Co.	Com.	Q.	$1.25	June 25	June 12
International Salt Co.	Com.	..	87½c.	July 1	June 15
Johns-Manville Corp.	Pfd.	Q.	$1.75	July 1	June 16
Katz Drug Co.	Pfd.	Q.	$1.62½	July 1	June 15
Kellogg (Spencer) & Sons.	Com.	Q.	40c.	June 30	June 15
Koppers Gas & Coke Co.	Pfd.	Q.	$1.50	July 1	June 12
Lone Star Gas Corp.	Pfd.	Q.	$1.50	June 30	June 15
Mascot Oil Co.	Com.	Q.	1c.	June 25	June 15
Mathieson Alkali Works.	Com.	Q.	37½c.	June 30	June 11
Mathieson Alkali Works.	Pfd.	Q.	$1.75	June 30	June 11
Mead Johnson & Co.	Com.	Q.	75c.	July 1	June 15
Mead Johnson & Co.	Com.	Ext.	50c.	July 1	June 15
Mead Johnson & Co.	Pfd.	S.	35c.	July 1	June 15
Merchants Petroleum Co.	Com.	..	3c.	June 15	June 10
Merck & Co.	Com.	Q.	10c.	July 1	June 15
Merck & Co.	Pfd.	Q.	$1.50	July 1	June 15
Midland Oil Corp.	Pfd.	..	50c.	June 16	June 10
Monroe Chemical Co.	Com.	Q.	25c.	July 1	June 13
Monroe Chemical Co.	Pfd.	..	87½c.	July 1	June 13
National Can Co.	Com.	Q.	$1.00	July 1	June 15
National Gypsum Co.	1st pfd.	Q.	$1.75	July 1	June 13
National Gypsum Co.	2d pfd.	Q.	25c.	July 1	June 13
National Lead Co.	Com.	Q.	12½c.	June 30	June 12
Nehi Corp.	Pfd.	..	$2.62½	July 1	June 15
Paraffine Cos.	Com.	Q.	50c.	June 27	June 10
Pennsylvania Glass Sand Corp.	Pfd.	Q.	$1.75	July 1	June 15
Plymouth Oil Co.	Com.	..	25c.	June 30	June 12
Pratt & Lambert.	Com.	Q.	25c.	July 1	June 15
Ruberoid Co.	Com.	Q.	25c.	June 30	June 15
Sherwin-Williams Co. (Can.)	Pfd.	..	$1.75	July 2	June 15
South Penn Oil Co.	Com.	Q.	37½c.	June 30	June 15
South Penn Oil Co.	Com.	Ext.	22½c.	June 30	June 15
South West Penn Pipe Lines Co.	CD	..	$10.00	July 1	June 15
Supertest Petroleum Co.	Com.	S.	50c.	July 2	June 12
Supertest Petroleum Co.	Ord.	S.	50c.	July 2	June 12
Supertest Petroleum Co.	Cl. B	S.	75c.	July 2	June 12
Swiss Oil Corp.	Com.	Q.	5c.	July 1	June 15
Swiss Oil Corp.	Com.	Ext.	5c.	July 1	June 15
Trico Products Corp.	Com.	Q.	67½c.	July 1	June 12
United Carbon Co.	Com.	Q.	60c.	July 1	June 15
United Drywood Corp.	Pfd.	Q.	$1.75	July 1	June 11
United States Foil Co.	A com.	Q.	15c.	July 1	June 15
United States Foil Co.	B com.	Q.	15c.	July 1	June 15
United States Foil Co.	Pfd.	Q.	$1.75	July 1	June 15
United States Gypsum Co.	Com.	Q.	50c.	July 1	June 15
United States Gypsum Co.	Pfd.	Q.	$1.75	July 1	June 15
United States Industrial Alcohol Co.	Com.	Q.	25c.	July 1	June 15
Wesson Oil & Snowdrift Co.	Com.	Q.	12½c.	July 1	June 15
Wesson Oil & Snowdrift Co.	Com.	Ext.	37½c.	July 1	June 15
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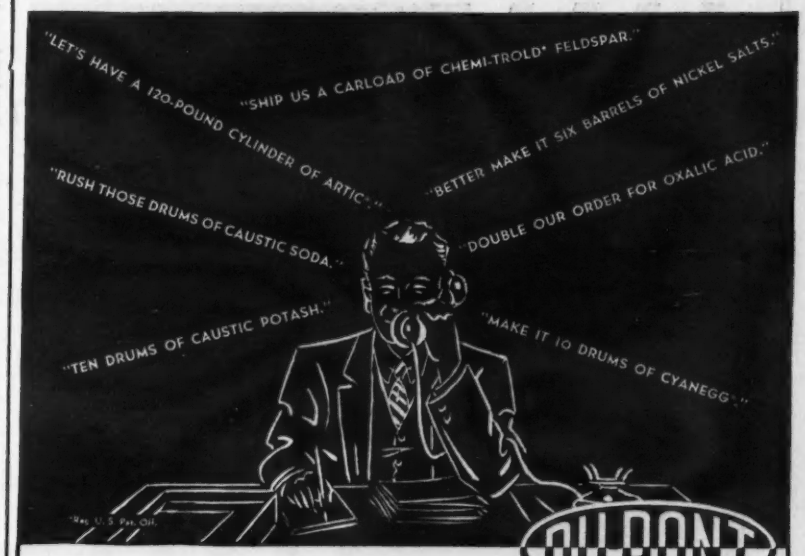
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